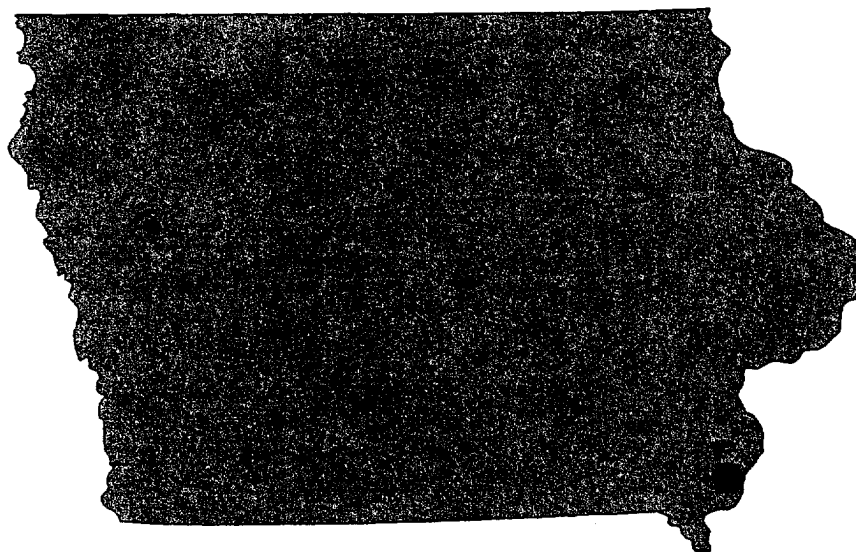


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# **COLLECTIONS SUMMARY FOR IOWA ARMY AMMUNITION PLANT, IOWA**

**U.S. Army NAGPRA Compliance Project,  
Technical Report No. 5**



**Prepared for the  
U.S. Army Environmental Center,  
Environmental Compliance Division**

**by the  
U.S. Army Corps of Engineers,  
St. Louis District,  
*Mandatory Center of Expertise for the Curation and Management  
of Archaeological Collections***

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**AN ARCHAEOLOGICAL COLLECTIONS SUMMARY  
FOR  
IOWA ARMY AMMUNITION PLANT, IOWA**

**Information Provided for Compliance with the  
Native American Graves Protection and Repatriation Act  
Section 6 Summary**

**Prepared for the  
U.S. Army Environmental Center,  
Environmental Compliance Division  
Aberdeen Proving Ground, Maryland**

**By  
U.S. Army Corps of Engineers,  
St. Louis District,  
Mandatory Center of Expertise for the  
Curation and Management of Archaeological Collections,  
U.S. Army NAGPRA Compliance Project,  
Technical Report No. 5**

**July 1995**

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## OBJECTIVES AND METHODS

The U.S. Army Environmental Center (AEC) tasked the Mandatory Center of Expertise for the Curation and Management of Archaeological Collections (MCX) with the job of assisting Army installation personnel in complying with the requirements of the Native American Graves Protection and Repatriation Act (P.L. 101-601, NAGPRA). The MCX was asked to locate and assess archaeological collections derived from Army-owned lands, to identify the federally recognized Native American tribes most likely culturally affiliated with the collections, to draft Section 6 Summary Letters for each installation, and to conduct physical inventories of any collections that contain human skeletal remains. This report conveys the results of the collections research completed to assist the Iowa Army Ammunition Plant (Iowa AAP) in complying with the Section 6 Summary requirements of NAGPRA.

The MCX used a two-stage process to identify, locate, and assess the contents of archaeological collections from the installation. First, archival research was performed to review all archaeological site records and reports for the installation. Second, telephone interviews were conducted with personnel at installations, universities, museums, and archaeological contractors that were identified during the archival research as possible repositories of Army collections.

Archival research for the Iowa Army Ammunition Plant began with a search of the National Archeological Data Base (NADB) for references pertaining to the installation. This was followed by a thorough examination of all archaeological site forms and a literature review of all pertinent archaeological reports and manuscripts on file at the State Historical Society of Iowa, in Des Moines, Iowa. The records search was performed at the State Historical Society office in April 1995 and sought to identify any work on the installation that may have produced archaeological collections.

Subsequent telephone interviews to potential collections repositories ascertained whether the materials were present and the range of objects in each collection. Once the collections were located and assessed, MCX personnel identified federally recognized Native American tribes that are likely to be culturally affiliated with the materials in the collections. Draft Section 6 Summary letters are enclosed for each of these tribes (Appendix I), as well as a listing of the current tribal chairperson (Appendix II).

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## RESEARCH RESULTS

### ARCHAEOLOGICAL INVESTIGATIONS AT IOWA ARMY AMMUNITION PLANT

Archaeological survey work was begun on Iowa Army Ammunition Plant in 1978 by the U.S. Army Corps of Engineers, Omaha District. In total, three agencies have conducted archaeological investigations there. These groups are:

U.S. Army Corps of Engineers (USACE), Omaha District, Omaha, Nebraska  
U.S. Army Corps of Engineers, Rock Island District, Rock Island, Illinois  
Augustana College Archaeology Lab, Augustana, South Dakota.

Investigations consisted of systematic surface surveys and shovel test excavations conducted for the purpose of cultural resource reconnaissance. The prehistoric period artifacts recovered included flaked stone chipping debris, flaked stone tools, cobbles, fire cracked rock, ceramic, and shell fragments, and are representative of Native American cultural items dating from the Paleo-Indian through Late Prehistoric archaeological periods (Winham, et al.:1991). The historic period materials recovered included metal, glass, bottles, tiles, brick, and ceramics (ironstone, earthenware, whiteware, and yellow ware). No human remains were excavated.

### SUMMARY OF ARCHAEOLOGICAL COLLECTIONS

A total of approximately 15 ft<sup>3</sup> of boxed archaeological materials have been identified for the Iowa Army Ammunition Plant. As of the date of this report, they are located in the following repository:

Office of the State Archaeologist, Iowa City, Iowa

Additionally, records collections are located at USACE, Omaha District.

The attached *Summary of Current Locations of Collections* table (Appendix III) and the *IAAP Artifact Catalogue Sheets* (Appendix IV) provide detailed information about the collections derived as a result of archaeological investigations at Iowa Army Ammunition Plant. A collection consists of all of the materials, artifacts and associated documentation (e.g., field notes, maps, photos, data analyses, correspondence), produced as a result of an archaeological

investigation or project at a single site or multiple sites. In some cases, the same archaeological site may have been investigated by various individuals or organizations. Depending on where the resulting collections are curated, they may be stored and identified as separate collections or separate components of a single collection. In cases where the artifacts and records have become separated, we list the records collections repository as well.

Every attempt has been made to locate all collections cited on available archaeological site records or in published and unpublished references to archaeological investigations on the installation.

## **REFERENCES TO ARCHAEOLOGICAL INVESTIGATIONS**

Two sets of references regarding archaeological work conducted on Iowa Army Ammunition Plant are attached: Appendix V contains the list of references reviewed by the MCX during its archival research and Appendix VI is the list of references contained in the National Archeological Data Base (NADB).

## **NATIVE AMERICAN TRIBES ASSOCIATED WITH IOWA ARMY AMMUNITION PLANT**

Although no items in the collection can be historically connected to any specific Native American individuals or tribal groups, various historical records indicate that the Iowa and the Sak and Fox tribes occupied southeastern Iowa during the early period of Euroamerican contact, and an archaeological site in Van Buren county, Iowa, due west of Iowa AAP, has been recorded as a possible Iowa or Sak and Fox village (Walters:1991). Modern Iowa and Sak and Fox tribal descendants have also asserted aboriginal claim to the region (U.S.G.S. n.d.).

Additionally, the geographic location of Iowa AAP is consistent with the lands judicially established as the aboriginal territory of the Iowa and the Sak and Fox tribes (U.S.G.S.:n.d.).

## SECTION 6 COMPLIANCE

P.L. 101-601 (NAGPRA) requires that federal agencies engage in active consultation with Native Americans of federally recognized tribes and/or lineal descendants who may be culturally affiliated with the archaeological collections from the installation. Enclosed are a draft NAGPRA Section 6 Summary letter (Appendix I) and a list of the tribal chairpersons from the federally recognized tribes which may be culturally affiliated with the collections (Appendix II).

Initial consultation should be conducted on a government-to-government basis. Refer to P.L. 101-601 (NAGPRA) for specifics on required Native American consultation and the legal definitions of items subject to NAGPRA.



## REFERENCES CITED

U.S.G.S.

- n.d. *Indian Lands Judicially Established 1978*. Map prepared by the United States Geological Survey for the Indian Claims Commission.

Walters, Gary Rex

- 1991 *A Phase I Survey and Evaluation of Rathburn Regional Water Association's Proposed Rural Water Distribution System Project, Des Moines, Iowa*. Triad Research Services, Columbia, Missouri.

Winham, Peter R., Larry Abbott, Robert Brakennage, Timothy Gillen, L. Adrien Hannus, Edward L. Lueck, William Ranney, Steven Ruple, and Joseph Tiffany

- 1991 *Cultural Resources Reconnaissance Survey of the Iowa Army Ammunition Plant, Des Moines County, Near Burlington, Iowa [Within the Same River Basin Region]*. Archaeology Laboratory, Augustana College, Sioux Falls, South Dakota.

## APPENDIX I

### DRAFT SECTION 6 SUMMARY LETTER FOR IOWA ARMY AMMUNITION PLANT, IOWA

[Installation Header]

[Tribal POC Name]

[Title]

[Address]

[City, State, Zip]

Dear [Name of POC]:

I am writing to inform you of collections held by Iowa Army Ammunition Plant that may contain Native American cultural items, as defined by the Native American Graves Protection and Repatriation Act (NAGPRA), that are, or are likely to be, culturally affiliated with the [Tribe]. Iowa Army Ammunition Plant has documented these archaeological collections in a Summary in accordance with the requirements of Section 6 of NAGPRA.

Iowa Army Ammunition Plant is responsible for collections that include approximately 15 cubic feet housed at the Office of the State Archaeologist in Des Moines, Iowa. These archaeological collections were generated from surveys and/or excavations conducted from 1978 to the present. The collections consist of stone chipping debris, flaked stone tools, cobbles, fire cracked rock, ceramics, shell fragments, and historic materials such as metal, glass, bottles, tiles, bricks, and ceramics, as well as associated documentation such as field notes, photographs, and correspondence. No human skeletal remains or associated funerary objects were identified in our review of the collection documentation.

We are notifying [Tribe] because some of these materials were found in, or around, the area thought to be part of the territory occupied or used aboriginally by the [Tribe]. In accordance with Section 6 of NAGPRA, we are inviting you to consult with us regarding these archaeological collections. Upon your written request, we will provide you access to review our records, catalogues, relevant studies, or other pertinent data for the purpose of determining the geographic origin, cultural affiliation, and basic facts surrounding acquisition and accession of these collections.

## **APPENDIX II**

### **NATIVE AMERICAN POINTS OF CONTACT FOR IOWA ARMY AMMUNITION PLANT, IOWA**

#### **FEDERALLY RECOGNIZED TRIBES**

##### **IOWA TRIBE:**

Mr. Leon Campbell, Chairman  
Iowa Tribe of Kansas and Nebraska  
Route 1, Box 58A  
White Cloud, Kansas 66094  
Tele: (913) 595-3258  
FAX: (913) 595-6610

Wallace Murray, Chairman  
Iowa Tribe of Oklahoma  
RR 1, Box 721  
Perkins, Oklahoma 74059  
Tele: (405) 547-2403  
FAX: (405) 547-5294

##### **SAC & FOX TRIBE:**

Gallery Wanatee, Chief  
Sac & Fox Tribal Council  
3137 F Avenue  
Tama, Iowa 52339-9629  
Tele: (515) 484-4678  
FAX: (515) 484-5424

Ms. Joan Rebar  
Chairperson  
Sac & Fox Nation of Missouri  
Tribal Council  
Rural Route 1, Box 60  
Reserve, Kansas 66434-9723  
Tele: (913) 742-7471  
FAX: (913) 742-3785

**SAC & FOX TRIBE (Continued)**

Mr. Elmer Manatowa, Jr.  
Principal Chief  
Sac & Fox Nation of Oklahoma Business Committee  
Route 2, Box 246  
Stroud, Oklahoma 74079  
Tele: (918) 968-3526  
FAX: (918) 968-3887

## **APPENDIX III**

### **SUMMARY OF CURRENT LOCATIONS OF ARCHAEOLOGICAL COLLECTIONS FROM IOWA ARMY AMMUNITION PLANT, IOWA**

All collections information has been entered into a Paradox data base file and can be queried by any of the fields listed below, as well as by the name of the installation and by MACOM. The data base will be delivered by the MCX to the U.S. Army Environmental Center upon completion of the U.S. Army NAGPRA Compliance Project. Inquiries for additional information are welcome (MCX: 314-331-8865; U.S. Army Environmental Center NAGPRA Compliance Project: 410-671-1573). The data fields listed in the summary of collections contain the following information:

<b>REPOSITORY:</b>	The current location in which the collection is stored, as of the date of this report.
<b>REPOSITORY POC:</b>	The person contacted by the MCX, or the person to whom inquiries regarding the collection should be addressed.
<b>TELEPHONE:</b>	The telephone number for the repository POC.
<b>COLLECTION ID:</b>	The identifying unit used by the repository to store and/or locate the collection. This can be a unique accession number assigned by the repository, the archaeological site number or project name, the name of the collector of the collection, or another number or name assigned by the repository.
<b>SITE NUMBERS:</b>	The official site number or name only for those sites from which materials were collected. An investigator may have performed work at additional sites but did not collect any materials. Those site numbers are not included in this field.
<b>FIELDWORK DATES:</b>	The date(s) during which the investigation(s) occurred. This information is provided to differentiate between projects that may have investigated the same site repeatedly.
<b>EXCAVATOR/COLLECTOR:</b>	The individual and/or organization that conducted the investigation.

## Summary of Current Location of Archaeological Collections From

As of June 1995

Repository	Repository POC	Telephone	Collection ID	Site Numbers	Fieldwork Dates	Excavator
Office of the State Archaeologist	John Cordell	(319) 335-2389	Accession # 4214 through 4321	13DM228 through 13DM621	1989-1990	Augustana (Archeology Winham
Office of the State Archaeologist	John Cordell	(319) 335-2389	Accession # 4322 through 4339	13DM-5 through 13DM-22	1989 - 1990	Augustana (Archeology Winham
Office of the State Archaeologist	John Cordell	(319) 335-2389	Accession # 5441	13DM303	1987	USACE, Rock Island Ken Barr
USACE, Nebraska Omaha District	Ed Brodnicki	(402) 221-4888	Iowa AAP	13DM228 through 13DM621	1989-1990	Augustana (Archeology Winham

Archaeological Collections From: Iowa Army Ammunition Plant, Iowa [AMC]

As of June 1995

Work Dates	Excavator/Collector	Collection Size	Description of Materials	Antiquity/Archaeological Period	Cultural Affiliation	Basis of Determination	Section
3-1990	Augustana College Archeology Lab; Peter Winham	14 cu. ft.	Prehistoric Lithics, Ceramics, Shell Fragments; Historic Ceramics, Metal, Glass	Prehistoric, Historic			None
3-1990	Augustana College Archeology Lab; Peter Winham		Isolated Finds, Prehistoric Lithics, Historic Glass				None
	USACE, Rock Island, Rock Island, Illinois; Ken Barr	1 cu. ft.	Lithics, Fire Cracked Rock, Biface Tools	Prehistoric			None
3-1990	Augustana College, Archeology Lab; Peter Winham		Color Slides, b/w Negatives, Original Field Maps/Notes, Research Notes, Correspondences, Miscellaneous Records				None

Locality/Archaeological Period	Cultural Affiliation	Basis of Determination	Section 5 Materials
Prehistoric, Historic			None
			None
Historic			None
			None



## **APPENDIX IV**

### **IAAP ARTIFACT CATALOGUE SHEETS**

The following pages, provided by the Office of the State Archaeologist, Des Moines, Iowa, are a catalogue of all collections derived from Iowa Army Ammunition Plant and present the artifact information organized by site trinomial, 13-DM-xxxx. Included in the information are site numbers, collection accession numbers and artifact descriptions.

IAAP Artifact Catalogue Sheets

Accession 4214 Site # 13DM228 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle neck, patent lip, aqua, pre-ABM.	1	Area A	Surface	Collected 9 NOV 1989
2	Horseshoe: fore, heel and toe caulks; 3 nail heads evident.	1	Area B	Surface	Collected 9 NOV 1989

Accession 4215 Site # 13DM303 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point: triangular, unnotched, white Burlington Chert.	1	Area A, Plot 2	Surface	Collected 31 MAY 1989
2	Tertiary reduction flake: unifacial micro-flaking from use-wear on right lateral margin; fusulinid white (10YR8/1) Burlington Chert.	1	Plot 1	Surface	Collected 30 MAY 1989 Length: 18.4 mm Width: 11.9 mm Thickness: 4.0 mm

Accession 4216 Site # 13DM354 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: white-glazed polychrome bodysherd, blue transfer-print on interior and exterior, red painted zone within interior transfer-print.	1	Area B	Surface	Collected 30 JUNE 1989
2	Ceramic: yellow-glazed rimsherd, from straight-sided mixing bowl.	1	Area C	Surface	Collected 30 JUNE 1989
3	Ceramic: white-glazed rimsherd, thin black band around interior of rim, green "sprig" below black band, from shallow bowl or cup.	1	Area C	Surface	Collected 30 JUNE 1989
4	Glass: melted "glob" of white opaque glass.	1	Area C	Surface	Collected 30 JUNE 1989

Accession 4217 Site # 13DM355 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: whiteware base, blue transfer-print on interior.	1		Surface	Collected 8 NOV 1989
2	Brick: hand-struck, 3 3/4" x 2 1/8", length unknown.	1		Surface	Collected 8 NOV 1989

Accession 42/8 Site # 13DM358 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: fruit jar base, medium blue, 3 1/2" diameter, mark: "Q".	1	Area A: "Soybeans"	Surface	Collected 6 JULY 1989
2	Stoneware: bodysheer, gray core, clear glaze interior and exterior, cobalt mark: "Y".	1	Area A: "Soybeans"	Surface	Collected 6 JULY 1989

Accession 42/9 Site # 13DM359 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: pressed glass bowl; rim, body and base fragment, amethyst.	1	"Surface of tip"	Surface	Collected 9 JULY 1989
2	Ceramic: thick vitreous whiteware, rim and handle, machine molded cup, thin gray and red bands below rim.	1	"Surface of tip"	Surface	Collected 9 JULY 1989
3	Fruit jar lid: zinc screw, glass liner marked: "GENUINE"	1	"Surface of tip"	Surface	Collected 9 JULY 1989
4	BOYD'S CAP FOR MASON JAR.	1	"Surface of tip"	Surface	Collected 9 JULY 1989
5	Fruit jar lid: zinc screw, glass liner marked: "GENUINE" BOYD'S CAP FOR MASON JAR.	1	"Surface of tip"	Surface	Collected 9 JULY 1989
	Glass: ink bottle, flint color, 2 3/4" high x 2" diameter, non-threaded closure, ABM; bottom marked: "SHEAFFER'S/SKRIP/7".	1	"Surface of tip"	Surface	Collected 9 JULY 1989

Accession 4220 Site # 13DM362 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Unfinished biface: light yellowish-brown (10YR6/4) tabular chert; cortex on opposing faces.	1		Surface	Collected 7 JULY 1989
2	Retouched secondary flake: very pale brown (10YR7/3), interbedded chert and limestone, some fossils and cortex. Steep unifacial retouch on distal margin with few bifacial scars; probably a discard.	1		Surface	Collected 7 JULY 1989 Length: 49.2 mm Width: 72.3 mm Thickness: 19.4 mm
3	Flake fragment: very dark grayish-brown (10YR3/2), mottled cherty limestone. Possibly a biface fragment; pitted scars on dorsal and ventral surfaces.	1		Surface	Collected 7 JULY 1989 Length: 32.8 mm Width: 37.5 mm Thickness: 8.1 mm

Accession 4221 Site # 13DM363 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle neck, aqua, laid-on ring.	1		Surface	Collected 8 JULY 1989
2	Glass: bottle base, brown, marked: "REG. U.S./CLOROX/PAT. OFF."	1		Surface	Collected 8 JULY 1989
3	Glass: fruit jar body, aqua, marked: "NT.../30lb."	1		Surface	Collected 8 JULY 1989
4	Glass: fruit jar base, medium blue, marked: "g."	1		Surface	Collected 8 JULY 1989
5	Fruit jar lid: zinc screw, opal glass liner marked: "GENUINE ZINC CAP/FOR BALL MASON JARS"	1		Surface	Collected 8 JULY 1989
6	Ceramic: whiteware, rim, body and handle fragment; serving dish.	1		Surface	Collected 8 JULY 1989
7	Ceramic: porcelain, rimsherd, cup, gilt embossed beads.	1		Surface	Collected 8 JULY 1989
8	Ceramic: porcelain, handle, embossed and gilt.	1		Surface	Collected 8 JULY 1989
9	Shell buttons: two-hole, damaged or incomplete, from 13 mm to 28.5 mm diameter.	12		Surface	Collected 8 JULY 1989
10	Shell buttons: four-hole, damaged or incomplete, from 12 mm to 18 mm diameter.	6		Surface	Collected 8 JULY 1989
11	Shell buttons blanks: 3 complete, 6 broken, from 12 mm to 28 mm diameter.	9		Surface	Collected 8 JULY 1989

Accession 4222 Site # 13DM365 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Bifacial reduction blank: proximal end sheared, discarded during production; fossiliferous white Burlington Chert.	1		Surface	Collected 9 NOV 1989

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point: Snyders Point, base missing; exhibits softhammer reduction with some minimal final pressure flaking. Large fracture suggests it was broken in use; fossiliferous white Burlington Chert.	1	Area D	Surface	Collected 20 JUNE 1989
2	Drill base: midsection of proximal end of drill (tips of ears on base removed); diamond-shaped cross-section; broken during production at fossil inclusion, fossiliferous light gray Burlington Chert.	1	Area D	Surface	Collected 21 JUNE 1989
3	Adze: produced from large expanding flake, unifacial flaking on all margins; distal end exhibits heavy use and some silica polish, fusulinidic white Burlington Chert.	1	Area D	Surface	Collected 21 JUNE 1989
4	Biface: heavy expanding flake retaining platform; bifacial reduction all margins; discarded (internal cracks = step fractures), fossiliferous white Burlington Chert.	1	Area D	Surface	Collected 21 JUNE 1989
5	Projectile point base: proximal portion of a probable Paleoindian point; exhibits parallel oblique flaking and a constricted base, slight grinding on the left lateral basal margin, some on the right; basally indented. Right ear is sheared; possible impact fracture suggests point broke at haft. Heat-treated, pinkish-white Burlington Chert.	1	Area F	Surface	Collected 22 JUNE 1989
6	Scraper: large primary decortication flake, unifacially flaked on lateral and distal margins; proximal end retains portion of striking platform, fossiliferous white cherty limestone.	1	Area G	Surface	Collected 22 JUNE 1989
7	Biface fragment: midsection and tip of biface; discarded during production, fossiliferous white Burlington Chert.	1	Area H, "oals"	Surface	Collected 26 JUNE 1989
8	Biface fragment: discarded during production (broken at flaw), fossiliferous white Burlington Chert.	1	Area H, "oals"	Surface	Collected 26 JUNE 1989
9	Secondary reduction flake: exhibits previous flake removal scars; strong brown (7.5YR5/8) pebble-size chert geode.	1	Area I	Surface	Collected 20 JUNE 1989
10	Biface fragment: midsection and distal portion of biface produced from large flake; discard, very pale brown Burlington Chert.	1	Area I	Surface	Collected 20 JUNE 1989

13DM366 (Cont.)

Cat. #	Specimen	No.	Location	Depth	Remarks
11	Tertiary reduction flake (or sharpening flake) retaining platform and bulb; dorsal surface shows a glassy polish over several previous flake scars (silica polish?), light gray (10YR7/2) Burlington Chert.	1	Area I	Surface	Collected 23 JUNE 1989
12	Reduction flake: discarded bifacial reduction blank produced from a heavy reduction flake; retains platform; lateral and distal portions show bifacial reduction, fossiliferous white (10YR8/1) Burlington Chert.	1	Area I	Surface	Collected 28 JUNE 1989 Length: 69.7 mm Width: 41.8 mm Thickness: 13.9 mm
13	Tertiary reduction flake: exhibits slight bifacial reduction on proximal margin, fossiliferous very pale brown (10YR7/3) Burlington Chert.	1	Area I	Surface	Collected 28 JUNE 1989
14	Tabular shatter with bifacial reduction on distal and lateral margins: discarded due to internal fault, white (10YR8/2) Burlington Chert.	1	Area I	Surface	Collected 28 JUNE 1989 Length: 72.4 mm Width: 36.2 mm Thickness: 18.6 mm
15	Transverse scraper, produced from tertiary reduction flake: retains platform and bulb; unifacially flaked on distal and lateral margins, banded fusulinidic white Burlington Chert.	1	Area I	Surface	Collected 14 JULY 1989
16	Biface fragment: midsection, showing bifacial reduction on lateral margins; proximal and distal ends snapped off, fusulinidic white Burlington Chert.	1	Area J	Surface	Collected 22 JUNE 1989
17	Biface fragment: midsection and base of a biface broken in use, from inclusions; ground laterally (Paleo-Indian?), fossiliferous white Burlington Chert.	1	Area J	Surface	Collected 22 JUNE 1989
18	Bifacial reduction blank: discard, snapped midsection during production, mottled fossiliferous white (10YR8/2) Burlington Chert.	1	Area K	Surface	Collected 22 JUNE 1989 Length: 55.8 mm Width: 38.3 mm Thickness: 13.7 mm
19	Biface fragment: distal portion, fossiliferous white Burlington Chert.	1	Area K	Surface	Collected 22 JUNE 1989
20	Bifacial reduction blank: discarded during production; retains platform and portion of bulb, agatized very pale brown (10YR7/3) chert.	1	Area K	Surface	Collected 22 JUNE 1989
21	Tertiary reduction flake: banded white Burlington Chert.	1	Area K	Surface	Collected 22 JUNE 1989
22	Reduction flake or biface: discard; distal portion removed; retains platform and bulb on proximal end, fossiliferous white (10YR8/2) Burlington Chert.	1	Area K	Surface	Collected 22 JUNE 1989

## 13DM366 (cont.)

Cat. #	Specimen	No.	Location	Depth	Remarks
23	Biface fragment: discarded during production; midsection and distal portion, fusulinidic lt. gray Burlington Chert.	1	Area K	Surface	Collected 22 JUNE 1989
24	Biface fragment: discarded during production; midsection and proximal portion; exhibits pitted fractures, fusulinidic light gray Burlington Chert.	1	Area K	Surface	Collected 22 JUNE 1989
25	Tabular reduction flake: bifacial reduction on left lateral margin; distal tip may have been utilized as a graver, fossiliferous white (10YR8/1) Burlington Chert.	1	Area K	Surface	Collected 22 JUNE 1989 Length: 107.8 mm; Width: 26.8 mm; Thickness: 18.1 mm
26	Biface fragment: discarded; midsection and proximal portion, fusulinidic light gray Burlington Chert.	1	Area K	Surface	Collected 22 JUNE 1989
27	Tabular flake: discard exhibiting bifacial reduction on lateral margins; snapped during production due to internal fractures, banded light gray (10YR7/2) Burlington Chert.	1	Area K	Surface	Collected 22 JUNE 1989 Length: 82.0 mm Width: 47.6 mm Thickness: 22.0 mm
28	3/4 Grooved axe: pecked and partially ground axe with U-shaped groove 3/4 around circumference; blade and groove pecked and ground to a polish, olive gray metamorphic stone.	1	Area K	Surface	Collected 24 JUNE 1989
29	Reduction flake: bifacial reduction on lateral margins, discarded during production, banded white Burlington Chert.	1	Area L (14-4: General Area)	Surface	Collected 24 JUNE 1989
30	Biface fragment: discarded during production; midsection and distal portion, white (10YR8/2) Burlington Chert.	1	Area L (14-4: General Area)	Surface	Collected 24 JUNE 1989 Length: 77.1 mm; Width: 44.8 mm Thickness: 20.5 mm
31	Biface fragment: discarded during production; midsection and distal portion; exhibits incurvate "base", white Burlington Chert.	1	Area L (14-4: Area B)	Surface	Collected 24 JUNE 1989
32	Primary reduction flake: strong brown (7.5YR5/6), chert pebble.	1	Area L (14-4: General Area)	Surface	Collected 24 JUNE 1989 Length: 4.9 mm; Width: 18.8 mm Thickness: 4.6 mm
33	Grooved axe: pecked and ground, fully grooved stone axe, groove and blade heavily ground, exhibits wear and resharpening, olive gray metamorphic stone.	1	Area M	Surface	Collected 24 JUNE 1989
34	Bifacial preform: possibly Paleoindian; unfinished, fossiliferous white Burlington Chert.	1	Area M	Surface	Collected 24 JUNE 1989
35	Adze: produced from heavy flake; retains platform and portion of bulb, dorsal surface exhibits uniform polish from hafting and use; fusulinidic white Burlington Chert.	1	Area O	Surface	Collected 24 JUNE 1989

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point midsection: triangular point, probably corner-notched; probable impact fractures; heat-treated, fossiliferous pinkish-gray Burlington Chert.	1	Area A, "soybeans"	Surface	Collected 26 JUNE 1989 "soybeans"
2	Projectile point: lanceolate point with thick lenticular cross-section (Agate Basin-like); proximal end retains platform, bulb removed; no grinding evident; unfinished, fossiliferous white cherty limestone.	1	Area B	Surface	Collected 26 JUNE 1989
3	Secondary flake: discard showing bifacial reduction on lateral margins; some pressure flaking; fracture at distal tip; cortex on proximal end, oolitic white (10YR8/1) Burlington Chert.	1	Area P	Surface	Collected 28 JUNE 1989 Length: 41.2 mm Width: 32.4 mm Thickness: 7.1 mm
4	Biface reduction blank: proximal and distal tips missing, oolitic white Burlington Chert.	1	Area P	Surface	Collected 28 JUNE 1989
5	Secondary decortication flake: discard; bifacially reduced; some cortex, fossiliferous light gray (10YR6/1) Burlington Chert.	1	Area P	Surface	Collected 28 JUNE 1989 Length: 64.2 mm Width: 53.3 mm Thickness: 18.4 mm
6	Ceramic: stoneware rimsherd, crock, rounded lip, white glaze, 1 in. thick.	1	Area P	Surface	Collected 28 JUNE 1989
7	Ceramic: stoneware rimsherd, crock, flat flared lip, clear glaze.	1	Area P	Surface	Collected 28 JUNE 1989
8	Ceramic: stoneware bodysherd, white glaze on interior and exterior.	1	Area P	Surface	Collected 28 JUNE 1989
9	Ceramic: porcelain rimsherd, flared bowl or dish, plain.	1	Area P	Surface	Collected 28 JUNE 1989
10	Ceramic: whiteware rimsherd, plate or saucer, blue shell-edged.	1	Area P	Surface	Collected 28 JUNE 1989
11	Ceramic: whiteware rimsherd, gill banded (1 mm wide).	1	Area P	Surface	Collected 28 JUNE 1989
12	Ceramic: whiteware rimsherd, light blue banded (10 mm wide).	1	Area P	Surface	Collected 28 JUNE 1989
13	Ceramic: whiteware bodysherd, blue sponge-decorated.	1	Area P	Surface	Collected 28 JUNE 1989
14	Ceramic: porcelain doll lower bust fragment, clear glaze, impressed "5" on back.	1	Area P	Surface	Collected 28 JUNE 1989



## 13DM367 (cont.)

Cat. #	Specimen	No.	Location	Depth	Remarks
15	Brick: thick pressed paver, 8 1/2 in. long x 4 in. high x 3 1/2 in. wide, raised lettering: "PURINGTON/PAVER".	1	Area P	Surface	Collected 28 JUNE 1989
16	Tertiary flake: discarded tertiary reduction flake; some bifacial reduction on lateral margins, oolitic white (10YR8/1) Burlington Chert.	1	Area Q	Surface	Collected 28 JUNE 1989 Length: 30.3 mm Width: 27.3 mm Thickness: 8.0 mm
17	Drill fragment: midsection and distal portion of drill; diamond-shaped cross-section; discarded during production, white Burlington Chert.	1	Area Q	Surface	Collected 28 JUNE 1989
18	Biface fragment: midsection and distal portion of discarded biface, white Burlington Chert.	1	Area Q	Surface	Collected 28 JUNE 1989
19	Projectile point fragment: discarded corner-notched projectile point, white Burlington Chert.	1	Area Q	Surface	Collected 28 JUNE 1989
20	Projectile point fragment: corner-removed or constricting stem projectile point, possibly Waubesa (Morrow: 53); heat-treated; pitted scars on both dorsal and ventral surfaces; impact fracture, pinkish-gray Burlington Chert.	1	Area Q	Surface	Collected 28 JUNE 1989
21	Adze: bifacial chipped stone adze made from large flake; exhibits fine unifacial sharpening and silica polish on distal end; heavily ground on lateral edges at midsection, white Burlington Chert.	1	Area Q	Surface	Collected 28 JUNE 1989

Accession 4225 Site # 13DM368 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: clear fruit jar, quart size, lightning closure (ca. 1909), raised lettering: "S.K.O. Queert".	1	Area A.	Surface	Collected 18 JULY 1989

Accession 4230 Site # 13DM383 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Brick: hand-struck, well-fired, 4 in wide x 2 3/8 in high x length unknown.	1		Surface	Collected 19 APRIL 1990

Accession 4231 Site # 13DM385 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD. Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point fragment: distal portion, lanceolate, white Burlington Chert.	1	Area A	Surface	Collected 14 NOV 1990
2	Glass: half-pint clear milk bottle impressed: "HALF PINT BOTTLE/PROPERTY/OF/ BURLINGTON/SANITARY MILK CO./1 MINN/SEALED/1-11-14/mTo"; basemark: "7/S/23".	1	Area A	Surface	Collected 14 NOV 1990
3	Spokeshave/graver: fusulinidic white Burlington Chert.	1	Area C	Surface	Collected 14 NOV 1990

Accession 4232 Site # 13DM386 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Flat glass fragment: 2 mm thick, exhibiting utilization on one margin.	1		Surface	Collected 14 NOV 1989

Accession 4233 Site # 13DM387 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point base: corner-removed point with incurvate base; broken at midsection, fossiliferous white Burlington Chert.	1	Area B	Surface	Collected 9 NOV 1989

Accession 4236 Site # 13DM409 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle fragment, lower half; rectangular: 29.2 mm x 50 mm; dark green with patination; uneven mold seam, varying wall thickness; reads: "...CHANT/...ORT.N.Y."	1	Area B	Surface	Collected 1 APRIL 1990

Accession 4237 Site # 13DM411 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point fragment: midsection and proximal base; corner-removed; slightly ground at notching area - late prehistoric, heat-treated pinkish-gray Burlington Chert.	1	Area B	Surface	Collected 28 MARCH 1990

Accession 4238 Site # 13DM412 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Metal: brass (?) flashlight casing, black painted, threaded top and bottom; stamped: "PATENTED/MADE IN U.S.A."	1		Surface	Collected 29 MARCH 1990
2	Canning jar lid: zibo and milk glass.	1		Surface	Collected 29 MARCH 1990
3	Leather harness strap: brass rivet, iron "buckle".	1		Surface	Collected 29 MARCH 1990
4	Glass: bottle neck and top; aqua with patination; pre-ABM, mold seam to base of neck; crown cap closure.	1		Surface	Collected 29 MARCH 1990
5	Glass: round bottle, complete; light green with patination; ABM; stopper top; 96 mm H x 53.4 mm dia., 20 mm inside neck dia.	1		Surface	Collected 29 MARCH 1990
6	Glass: bottle fragment; light green; thick-walled (6.2 mm to 9.7 mm) with many air bubbles in glass.	1		Surface	Collected 29 MARCH 1990
7	Glass: bottle, lower half; clear; "CC's" on one side, symbol for ounces on other side, base reads "OWENS" over a "5", a circle and diamond, and a "2".	1		Surface	Collected 29 MARCH 1990
8	Glass: panel bottle fragment, two sides of a rectangular bottle, aqua with patination; reads: "KEOKUK, IOWA..."	1		Surface	Collected 29 MARCH 1990
9	Glass: pressed glass bowl fragment; light purple; ca. 11 mm thick.	1		Surface	Collected 29 MARCH 1990

## 13DM412 (cont.)

Cat. #	Specimen	No.	Location	Depth	Remarks
10	Glass: pressed glass bowl fragment; light purple with patination; ca. 11 mm thick.	1		Surface	Collected 29 MARCH 1990
11	Asphalt shingle fragment.	1		Surface	Collected 29 MARCH 1990
12	Battery core fragment, size "D".	1		Surface	Collected 29 MARCH 1990
13	Battery core fragment.	1		Surface	Collected 29 MARCH 1990
14	Ceramic: stoneware base; white-glazed bowl; base reads: "STONE CHINA/ KNOWLES, TAYLOR AND KNOWLES." around an eagle in a circle motif.	1		Surface	Collected 29 MARCH 1990
15	Ceramic: top of stoneware jug, single handle; reduced Celadon glaze (brown).	1		Surface	Collected 29 MARCH 1990
16	Ceramic: top of stoneware jug, single handle; dark brown and light brown speckled glaze.	1		Surface	Collected 29 MARCH 1990

Accession 4229 Site # 13DM413

Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD

Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: cylindrical bottle, bottom missing; 47 mm dia.; purple tint; ABM; widemouth, screw top.	1		Surface	Collected 29 MARCH 1990
2	Glass: cylindrical bottle, top missing; clear.	1		Surface	Collected 29 MARCH 1990
3	Glass: bottle top; light purple tint with some patination; pre-ABM, mold seam halfway up neck.	1		Surface	Collected 29 MARCH 1990
4	Glass: ink or perfume bottle, base missing; tapered: 61 mm at base, 39 mm at shoulder; purple tint with heavy patination; pre-ABM, mold seam halfway up neck.	1		Surface	Collected 29 MARCH 1990
5	Glass: perfume (?) bottle, most of base missing; light purple tint with some patination; pre-ABM, mold seam halfway up neck; reads: "CENTURY/TAPER/TUBE/ATOMIZER/S.H.WETMORE CO./NEW YORK".	1		Surface	Collected 29 MARCH 1990
6	Ceramic: porcelain doll fragment, upper portion of face (nose and hair); clear glazed bisque; hair is parted in middle, hand-painted black.	1		Surface	Collected 29 MARCH 1990
7	Ceramic: whiteware bodysherd; low-fired slipcast; blue transfer-print landscape.	1		Surface	Collected 29 MARCH 1990

## 13DM413 (cont.)

Cat. #	Specimen	No.	Location	Depth	Remarks
8	Ceramic: whiteware bodysherd; low-fired slipcast; blue transfer-print landscape.	1		Surface	Collected 29 MARCH 1990
9	Ceramic: whiteware bodysherd; low-fired slipcast; blue transfer-print landscape.	1		Surface	Collected 29 MARCH 1990
10	Ceramic: whiteware bodysherd; low-fired slipcast; blue transfer-print landscape.	1		Surface	Collected 29 MARCH 1990
11	Glass: round bottle, complete; clear; 236 mm H x 68 mm dia.; screw top; primitive, probably pre-ABM: hand-finished, irregular twisted rim (ketchup bottle?).	1		Surface	Collected 29 MARCH 1990
12	Glass: round bottle, complete; light green; 238 mm H x 68 mm dia.; possibly pre-ABM, mold seam extends to just below lip, but with crown closure; base embossed: "1425/14".	1		Surface	Collected 29 MARCH 1990

Accession 4246 Site # 13DM417 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Bifacial reduction blank: thick lenticular cross-section; broken at distal tip during production at crystalline inclusion and hairline faults; banded light brownish-gray Burlington Chert.	1		Surface	Collected 28 MARCH 1990

Accession 4247 Site # 13DM418 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Bifacial reduction blank: midsection and distal portion, banded white Burlington Chert.	1	Area D	Surface	Collected 23 JULY 1989
2	Transverse scraper: produced from a prismatic blade, fusulinidic white Burlington Chert.	1	Area D	Surface	Collected 23 JULY 1989
3	Projectile point fragment: proximal base; constricting stem, thick lenticular cross-section; parallel oblique flaking pattern - late Paleoindian, fusulinidic white Burlington Chert.	1	Area D	Surface	Collected 23 JULY 1989

Accession 4242 Site # 13DM419 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Bifacial reduction blank; discarded during production, broken at limestone inclusion, very pale brown Burlington Chert.	1	Area A	Surface	Collected 26 JULY 1989
2	Biface fragment: distal tip; heat-treated light gray Burlington Chert.	1	Area 1: Edge of cornfield on ridge shoulder.	Surface	Collected 26 JULY 1989

Accession 4243 Site # 13DM426 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: cylindrical Alka-Seltzer bottle, complete; colorless; 5.95 in H x 1.36 in dia.; screw top; basemark: "A-S / 12 [Owens-Illinois emblem I in circle over diamond] 8 / 14 .".	1		Surface	Collected 14 NOV 1989
2	Glass: oval aspirin bottle, complete; colorless; 3.6 in H x 2.1 in W x 1.2 in T; basemark: "2".	1		Surface	Collected 14 NOV 1989
3	Glass: cylindrical bottle, complete; colorless; 3.9 in H x 2.5 in dia.; single thread screw top in four segments; basemark: "7-K-673".	1		Surface	Collected 14 NOV 1989
4	Glass: cylindrical bottle; complete; colorless; 4.5 in H x 2.3 in dia.; single thread screw top; aluminum cap in place, 2.1 in dia.; basemark: "W/T" [in inverted triangle] / "10".	1		Surface	Collected 14 NOV 1989
5	Glass: rectangular panel bottle, complete; colorless; 6.7 in H x 2.8 in W x 1.4 in T; threaded neck, metal cap in place, 1.1 in dia.; basemark: "DES. PAT. / N [in a square] (?) 1 / 8 FL.OZ.".	1		Surface	Collected 14 NOV 1989
6	Glass: rectangular panel bottle, complete; colorless; 5.1 in H x 1.9 in W x 1.1 in T; threaded metal cap in place, 0.9 in dia.; embossed: "SLOAN'S / LINIMENT / MADE IN USA"; basemark: "7 [Owens-Illinois emblem I in circle over diamond] 7 / 7".	1		Surface	Collected 14 NOV 1989

## 13DM426 (cont.)

Cat. #	Specimen	No.	Location	Depth	Remarks
7	Glass: rectangular panel bottle, complete; colorless; 5.0 in H x 1.8 in W x 1.0 in T; single thread screw top; metal cap in place, 1.1 in dia.; one panel recessed and embossed with three vertical lines; basemark: "2 FL OZ / DESIGN PAT"; small quantity of black residue inside.	1		Surface	Collected 14 NOV 1989
8	Glass: fruit jar mouth; amethyst; ground lip, shoulder seal.	1		Surface	Collected 14 NOV 1989
9	Glass: beveled oval bottle base; blue; 3.1 in x 2.1 in; panel embossed: "GLENBROOK CONN."; basemark: "9 U. S. A. M" [9 and M are horizontal]; Phillips Milk of Magnesia.	1		Surface	Collected 14 NOV 1989
10	Glass: cylindrical bottle, body and base; colorless; 2.6 in dia.; soft drink bottle, embossed: "LEISY // PEORIA, ILL."	1		Surface	Collected 14 NOV 1989
11	Glass: bottle neck; colorless; aluminum screw cap and neck seal in place; cf. pint whiskey bottle.	1		Surface	Collected 14 NOV 1989
12	Glass: bottle base; dark olive; 3.5 in dia.; cf. wine bottle.	1		Surface	Collected 14 NOV 1989
13	Ceramic: stoneware jug top; brown glazed.	1		Surface	Collected 14 NOV 1989
14	Ceramic: whiteware bowl fragment; plain; 3 in H x 5.75 in dia.	1		Surface	Collected 14 NOV 1989
15	Metal: rectangular spice can, complete; 2 5/8 in H x 2 3/8 W x 1 3/8 in T; top perforated and slotted.	1		Surface	Collected 14 NOV 1989
16	Metal: cylindrical steel can, complete; 2.6 in dia.; conical shoulder/neck; crown cap; concave "pressure" base; cf. beer or brake fluid.	1		Surface	Collected 14 NOV 1989
17	Metal: 5 gallon galvanized bucket, complete; 10 in H x 11 in dia. at base x 12.5 in dia. at top; riveted seams, hand holds and wire handle; has been re-riveted.	1		Surface	Collected 14 NOV 1989 NOT CURATED (DISCARDED)
18	Glass: tumbler, portion of one side missing; amethyst; 3.5 in H x 2.5 in dia. at base x 3.25 in dia. at top.	1		Surface	Collected 14 NOV 1989
19	Brick: pressed; 8 3/8 in x 4 1/4 x 2 3/8 in.	1		Surface	Collected 14 NOV 1989

13DM426 (cont.)					
Cat. #	Specimen	No.	Location	Depth	Remarks
20	Brick: hand-struck: 8 1/4 in x 4 1/4 in x 2 1/2 in.	1		Surface	Collected 14 NOV 1989
21	Brick: hand-struck: [?] x 4 in x 2 3/8 in.	1		Surface	Collected 14 NOV 1989
22	Glass: mucilage bottle, one side cracked and missing a fragment; flint; 2.5 in H x 2.125 in dia., 0.75 in dia. orifice; embossed: "WILLIAM A. DAVIS / U.S.TREASURY MUCILAGE / BOSTON MASS, U.S.A."	1		Surface	Collected 14 NOV 1989
23	Ceramic: whiteware rimsherd, cup fragment; 3.3 mm thick; black line around lip.	1	Fea. 13: "East Extension"	Surface	Collected 28 MARCH 1990
24	Ceramic: edge-decorated whiteware rimsherd; 4.3 mm thick; blue shell-edged Pearlware or copy.	1	Fea. 13: "East Extension"	Surface	Collected 28 MARCH 1990
25	Ceramic: polychrome whiteware rimsherd, cup or bowl fragment; 3.7 mm thick; green glazed, embossed wicker design around rim, black body; Mocha Pearlware or copy.	1	Fea. 13: "East Extension"	Surface	Collected 28 MARCH 1990
26	Ceramic: glazed stoneware rimsherd; 3.1 mm thick; cobalt blue floral design over white.	1	Fea. 13: "East Extension"	Surface	Collected 28 MARCH 1990

Accession 4244 Site # 13DM427 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Specimen			
Cat. #	No.	Location	Depth
1	1		Surface
Glass: cylindrical bottle fragment; light green tint; varies from 4.5 mm to 7.0 mm thick; embossed: "... CO/...ON, IOWA".			
			Collected 2 APRIL 1990



Accession 4245 Site # 13DM428 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: porcelain doll head fragment; white glaze, with pinkish hue in one portion, hand-painted black in another portion; 2.6 mm to 2.9 mm thick.	1		Surface	Collected 29 MARCH 1990
2	Ceramic: porcelain doll head fragment; white glaze, with hand-painted black "hair"; 3.3 mm to 4.2 mm thick.	1		Surface	Collected 29 MARCH 1990
3	Ceramic: blue edge-decorated whiteware rimsherd; 3.7 mm thick.	1		Surface	Collected 29 MARCH 1990
4	Ceramic: whiteware bodysherd; embossed floral pattern; 4.6 mm thick.	1		Surface	Collected 29 MARCH 1990
5	Ceramic: whiteware base fragment; ca. 5.0 mm thick; reads: "...IN BROS..."	1		Surface	Collected 29 MARCH 1990

Accession 4246 Site # 13DM432 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: window pane fragment; light green tint with some pitting; 1.4 mm thick.	1	"Fea. [?]"	Surface	Collected 4 APRIL 1990

Accession 4247 Site # 13DM433 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Bliface fragment; discarded during production, broken at fossil inclusion; banded very pale brown Burlington Chert.	1		Surface	Collected 3 APRIL 1990

Accession 4248 Site # 13DM436 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: square-sided bottle, complete; amber; 226 mm H x 68.4 mm W x 69.4 mm T; pre-ABM, mold seam stops just below neck; reads: "DR J.HOSTETTER'S / STOMACH BITTERS" (post 1858-pre 1884 (see File 1987: 36)).	1		Surface	Collected 4 APRIL 1990
2	Glass: insulator; turquoise, slight patina; 43.7 mm H x 48.7 mm O.D. x 20.6 mm I.D.	1		Surface	Collected 5 APRIL 1990

Accession 4247 Site # 13DM439 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Brick: thick pressed paver; 8 3/4 in. x 4 in. x 3 1/2 in.; raised lettering.	1	Area A	Surface	Collected 4 APRIL 1990
2	Ceramic: whiteware base; 6.9 mm thick; reads: "...CHINA" over a lion and banner motif, underneath: "PANKHURST & HANLEY/ ENGL..."	1	Area A	Surface	Collected 4 APRIL 1990

Accession 4250 Site # 13DM444 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point: triangular, unnotched probably Late Prehistoric, pinkish-white Burlington Chert.	1		Surface	Collected 1 JUNE 1989

Accession 4251 Site # 13DM450 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Bifacial reduction blank: midsection and distal portion; banded light gray Burlington Chert.	1	Area C	Surface	Collected 3 APRIL 1990
2	Bifacial reduction blank: midsection and distal portion; discarded during production, broken at limestone inclusion; banded very pale brown Burlington Chert.	1	Area C	Surface	Collected 3 APRIL 1990

Accession 4252 Site # 13DM451 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Unmodified cobble: water-tumbled; collected as example of extra-local raw material; reddish-brown chert.	1	Area C	Surface	Collected 3 APRIL 1990
2	Tertiary reduction flake: fusulinidic white (7.5YRN8) Burlington Chert.	1	Area E	Surface	Collected 3 APRIL 1990 Length: 27.1 mm Width: 49.8 mm Thickness: 11.5 mm

Accession 4253 Site # 13DM453 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: porcelain rimsherd; slipcast with clear glaze; low relief design with gold painted edge; 2.6 mm thick at lip, 3.1 mm thick at body.	1	Fea. 3	Surface	Collected 6 APRIL 1990
2	Brick: pressed; 8 in. x 3 3/4 in. x 2 1/2 in.	1	"Brick Scatter" (see field map 4/18/90)	Surface	Collected 18 APRIL 1990
3	Glass: bottle, complete; aqua; 242 mm H x 64 mm; machine molded, uneven base, double ring finish; reads: "MOEHN BR C CO./ BURLINGTON, IA."	1	"From vicinity of Brick Scatter"	Surface	Collected 18 APRIL 1990

Accession 4254 Site # 13DM455 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Brick: hand-struck; 8 1/4 in. x 4 1/4 in. x 2 1/4 in.	1		Surface	Collected 19 APRIL 1990

Accession 4255 Site # 13DM456 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Brick: hand-struck; 8 3/8 in. x 4 in. x 2 3/8 in.	1		Surface	Collected 18 APRIL 1990

Accession 4256 Site # 13DM457 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Brick: hand-struck; 8 in. x 3 5/8 in. x 2 1/4 in.	1		Surface	Collected 19 APRIL 1990

Accession 4257 Site # 13DM459 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Brick: hand-struck; 8 3/8 in. x 4 in. x 2 1/8 in.	1		Surface	Collected 19 APRIL 1990

Accession 4258 Site # 13DM461 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Bifacial reduction blank: banded white Burlington Chert.	1		Surface	Collected 17 APRIL 1990

Accession 4259 Site # 13DM463 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point fragment: midsection and incomplete proximal base of corner-notched point; corner notch and base heavily ground; possible heat-treating; fusulinidic pinkish-white Burlington Chert.	1		Surface	Collected 17 APRIL 1990

Accession 4260 Site # 13DM468 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: whiteware split sherd, blue transfer-print.	1	Area B	Surface	Collected 8 NOV 1989

Accession 4261 Site # 13DM469 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: fruit or jelly jar, nearly complete, amethyst, 4 1/2 in. high, base 2 5/8 in. dia., top 2 7/8 in. dia., base marked: "NO. 63/PAT. IN. U.S./DEC.22.1903/ JULY.17.1906/M 11"; in reverse in order to be legible through mouth of jar.	1		Surface	Collected 30 JUNE 1989

Accession 4262 Site # 13DM472 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Tabular shatter: yellow to reddish-brown (10YR7/6 grading to 5YR4/3) siltstone. Cortex on opposing faces; pitted scars.	1		Surface	Collected 16 JUNE 1989
2	Secondary reduction flake: dark reddish-brown (2.5YR3/4) siltstone.	1		Surface	Collected 16 JUNE 1989
3	Prismatic reduction flake: light yellowish-brown (10YR6/4) to reddish brown (2.5YR5/4) siltstone. Some platform remaining.	1		Surface	Collected 16 JUNE 1989
4	Tertiary reduction flake: light yellowish-brown (10YR6/4) siltstone. Exhibits pitted scars on dorsal surface.	1		Surface	Collected 16 JUNE 1989

Accession 4263 Site # 13DM473 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle neck, hand-tipped ring closure, aqua.	1		Surface	Collected 16 JUNE 1989
2	Glass: bottle body fragment, panel type, aqua.	1		Surface	Collected 16 JUNE 1989
3	Glass: bottle base, rectangular, aqua.	1		Surface	Collected 16 JUNE 1989
4	Glass: bottle base fragment, amethyst.	1		Surface	Collected 16 JUNE 1989
5	Ceramic: whiteware rimsherd, blue shell-edged.	1		Surface	Collected 16 JUNE 1989
6	Ceramic: whiteware bodysherd, blue transfer-print.	1		Surface	Collected 16 JUNE 1989
7	Ceramic: whiteware bodysherd, blue transfer-print.	1		Surface	Collected 16 JUNE 1989
8	Ceramic: whiteware bodysherd, blue transfer-print.	1		Surface	Collected 16 JUNE 1989
9	Ceramic: earthenware bodysherd, Rockingham glazed.	1		Surface	Collected 16 JUNE 1989

Accession 4264 Site # 13DM474 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Unfinished biface: white (10YR8/1) fossiliferous Burlington Chert. Exhibits both soft and hard hammer reduction.	1		Surface	Collected 17 JUNE 1989

Accession 4265 Site # 13DM475 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Round pebble: probably water-rounded, very pale brown limestone.	1		Surface	Collected 18 JUNE 1989

Accession 4266 Site # 13DM477 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle neck, flat lip, semi-ABM.	1		Surface	Collected 18 JUNE 1989
2	Ceramic: stoneware bodysherd, crack, albany slip interior, clear glaze exterior, gray core, engraved horizontal line.	1		Surface	Collected 18 JUNE 1989
3	Ceramic: yellowware bodysherd, bowl.	1		Surface	Collected 18 JUNE 1989
4	Ceramic: whiteware bodysherd, blue transfer-print.	1		Surface	Collected 18 JUNE 1989
5	Nail: cut, common, broken, est. 10-12d.	1		Surface	Collected 18 JUNE 1989

Accession 4267 Site # 13DM483 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: stoneware rimsherd, crack, light gray exterior with evidence of green decoration, black glazed interior.	1		Surface	Collected 13 JUNE 1989
2	Brick: hand-struck, 2 in. high x 3 5/8 in. wide x 7 1/4 in. long, fire-ash glazed, heat warped.	1		Surface	Collected 13 JUNE 1989

Accession 4268 Site # 13DM484 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: whiteware bodysherd, crack, blue sponge-decorated.	1	Area A	Surface	Collected 6 JULY 1989
2	Glass: bottle or fruit jar base, thick, pale blue.	1	Area A	Surface	Collected 6 JULY 1989
3	Glass insulator, medium blue, marked: "...AY-9".	1	Area A	Surface	Collected 6 JULY 1989

Accession 4269 Site # 13DM485 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Biface reduction blank: fusulinidic white Burling. Chert.	1	Area A	Surface	Collected 13 JUNE 1989

Accession 4270 Site # 13DM489 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Expanded core: fusulinidic white cherty limestone.	1	Area A	Surface	Collected 30 MARCH 1990

Accession 4271 Site # 13DM491 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: panel bottle, complete; aqua; pre-ABM (mold seam stops midway up neck); reads: "DR.S.PITCHER'S/CASTORIA".	1		Surface	Collected 30 MARCH 1990
2	Glass: bottle, complete; light purple; pre-ABM (mold seam stops just below lip); pharmaceutical finish.	1		Surface	Collected 30 MARCH 1990

Accession 4272 Site # 13DM494 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle neck, hand-applied ring closure, medium blue-green.	1		Surface	Collected 15 JUNE 1989
2	Glass: bottle base, rectangular, aqua.	1		Surface	Collected 15 JUNE 1989
3	Ceramic: whiteware bodysherd, blue transfer-print.	1		Surface	Collected 15 JUNE 1989
4	Ceramic: whiteware bodysherd, black transfer-print.	1		Surface	Collected 15 JUNE 1989
5	Ceramic: whiteware bodysherd, purple transfer-print.	1		Surface	Collected 15 JUNE 1989
6	Ceramic: whiteware bodysherd, blue sponge-decorated.	1		Surface	Collected 15 JUNE 1989
7	Ceramic: whiteware bodysherd, cup, green banded interior and exterior, with red design on exterior.	1		Surface	Collected 15 JUNE 1989
8	Ceramic: yellowware split rimsherd, white banded.	1		Surface	Collected 15 JUNE 1989
9	Ceramic: porcelain doll head fragment, molded and painted half.	1		Surface	Collected 15 JUNE 1989
10	Midsection of lanceolate-shaped biface, with thick lenticular cross-section: limestone inclusion at break, very dark gray extra-local chert.	1		Surface	Collected 15 JUNE 1989

Accession 4273 Site # 13DM496 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Blifce fragment; heat-treated; discard, fusulinidic light gray Burlington Chert.	1		Surface	Collected 15 JUNE 1989

Accession 4274 Site # 13DM499 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: whiteware rimsherd, flared rim, serving dish, polychrome with decal.	1		Surface	Collected 13 JULY 1989
2	Brick: pressed arch brick, pale yellow, 2 in. high on one side, 2 3/8 in. high on other side x 3 5/8 in. wide x 7 in. long. Impressed: "NO 1. ARCH".	1		Surface	Collected 13 JULY 1989

Accession 4275 Site # 13DM500 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Blifce: discard (but with possible use-wear), white chert pebble.	1	Ridge Shoulder	Surface	Collected 21 JULY 1989

Accession 4276 Site # 13DM505 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Blifce: minimal bifacial reduction on all margins, banded pinkish-white Burlington Chert.	1	Area A	Surface	Collected 29 JUNE 1989
2	Projectile point: Pelican Lake point; distal and proximal ends missing, but retaining corner notches; possibly heat-treated, banded, banded white fossiliferous Burlington Chert.	1	Area 1: "soybeans"	Surface	Collected 26 JUNE 1989



Accession 4277 Site # 13DM506 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: whiteware rimsherd, blue shell-edged.	1		Surface	Collected 30 JUNE 1989
2	Ceramic: whiteware rimsherd, blue bead-molded edge.	1		Surface	Collected 30 JUNE 1989
3	Ceramic: whiteware rimsherd, cup, hand-painted, polychrome underglaze: thin blue band below rim and red band (17 mm wide) with black series of leaves or a vine on exterior, thin blue band on interior.	1		Surface	Collected 30 JUNE 1989
4	Ceramic: whiteware bodysherd, saucer, hand-painted, polychrome underglaze: thin blue band below rim and red band with black series of leaves or a vine on interior.	1		Surface	Collected 30 JUNE 1989
5	Ceramic: whiteware bodysherd, hand-painted: black stems underglaze, green leaves overglaze.	1		Surface	Collected 30 JUNE 1989
6	Ceramic: whiteware tureen base, plain.	1		Surface	Collected 30 JUNE 1989

Accession 4278 Site # 13DM507 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Biface: bifacial reduction on lateral margins and distal tip, white Burlington Chert.	1	"soybeans"	Surface	Collected 30 JUNE 1989

Accession 4279 Site # 13DM508 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: whiteware rimsherd, hand-painted, polychrome underglaze: thin blue band below rim and red band (17 mm wide) with black series of leaves or a vine on exterior, another thin blue band probable (see 12-11).	1		Surface	Collected 30 JUNE 1989

Accession 4280 Site # 13DM513 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Bodysherd: cord-marked, grit-tempered, light red (2.5YR6/6) to red (2.5YR4/6).	1	Area A: "Slump on Culbank"	Surface	Collected 21 JULY 1989
2	Biface/projectile point midsection: fossiliferous light gray Burlington Chert.	1	Area B: "recently disturbed"	Surface	Collected 21 JULY 1989

Accession 4281 Site # 13DM515 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle neck, hand-lipped, flared finish, aqua.	1	Area B	Surface	Collected 24 JUNE 1989

Accession 4282 Site # 13DM516 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle neck, hand lipped, thin bead or extract finish, aqua.	1		Surface	Collected 26 JUNE 1989
2	Glass: bottle base, oval, no visible seams, aqua.	1		Surface	Collected 26 JUNE 1989
3	Glass: bottle body fragments, blue.	3		Surface	Collected 26 JUNE 1989
4	Ceramic: collared stoneware rimsherd, clear glazed exterior, brown interior.	1		Surface	Collected 26 JUNE 1989
5	Ceramic: reinforced stoneware rimsherd, bowl, gray.	1		Surface	Collected 26 JUNE 1989
6	Ceramic: stoneware rimsherd, globular jar, gray salt glazed.	1		Surface	Collected 26 JUNE 1989
7	Ceramic: redware strap handle, dark brown glaze.	1		Surface	Collected 26 JUNE 1989
8	Ceramic: redware strap handle, grooved, clear glaze.	1		Surface	Collected 26 JUNE 1989
9	Ceramic: whiteware rimsherd, plain, plate.	1		Surface	Collected 26 JUNE 1989
10	Ceramic: whiteware rimsherd, plain, saucer.	1		Surface	Collected 26 JUNE 1989
11	Ceramic: whiteware bodysherd, plain, pale blue glaze.	1		Surface	Collected 26 JUNE 1989
12	Ceramic: whiteware rimsherd, plate, blue shell-edged.	1		Surface	Collected 26 JUNE 1989
13	Ceramic: whiteware rimsherd, plate, blue "rope" and floral embossed pattern.	1		Surface	Collected 26 JUNE 1989
14	Ceramic: whiteware rimsherd, plate, green shell-edged.	1		Surface	Collected 26 JUNE 1989

13DM516 (cont.)					Remarks	
Cat. #	Specimen	No.	Location	Depth		
15	Ceramic: whiteware rimsherd, cup, hand-painted polychrome.	1		Surface	Collected 26 JUNE 1989	
16	Ceramic: whiteware rimsherd, cup, hand-painted polychrome.	1		Surface	Collected 26 JUNE 1989	
17	Ceramic: whiteware split sherd, banded Mocha, cup?	1		Surface	Collected 26 JUNE 1989	
18	Ceramic: whiteware rimsherd, blue transfer-print.	1		Surface	Collected 26 JUNE 1989	
19	Ceramic: whiteware rimsherd, blue transfer-print.	1		Surface	Collected 26 JUNE 1989	
20	Ceramic: whiteware bodysherd, blue transfer-print.	1		Surface	Collected 26 JUNE 1989	
21	Ceramic: whiteware bodysherd, blue transfer-print.	1		Surface	Collected 26 JUNE 1989	
22	Ceramic: whiteware bodysherd, blue transfer-print.	1		Surface	Collected 26 JUNE 1989	
23	Ceramic: whiteware bodysherd, blue transfer-print.	1		Surface	Collected 26 JUNE 1989	
24	Ceramic: whiteware bodysherd, blue transfer-print.	1		Surface	Collected 26 JUNE 1989	
25	Ceramic: whiteware split sherd, blue transfer-print.	1		Surface	Collected 26 JUNE 1989	
26	Ceramic: whiteware bodysherd, turquoise transfer-print.	1		Surface	Collected 26 JUNE 1989	
27	Ceramic: whiteware bodysherd, black transfer-print.	1		Surface	Collected 26 JUNE 1989	
28	Ceramic: whiteware rimsherd, purple transfer-print.	1		Surface	Collected 26 JUNE 1989	
29	Ceramic: whiteware rimsherd, purple transfer-print.	1		Surface	Collected 26 JUNE 1989	
30	Ceramic: whiteware bodysherd, purple transfer-print.	1		Surface	Collected 26 JUNE 1989	
31	Ceramic: whiteware rimsherd, red transfer-print.	1		Surface	Collected 26 JUNE 1989	
32	Ceramic: whiteware bodysherd, banded cup or bowl, green and blue.	1		Surface	Collected 26 JUNE 1989	
33	Brick fragment: hand-struck, glazed edge.	1		Surface	Collected 26 JUNE 1989	

Accession 4283 Site # 13DM520 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: soft drink bottle, side and base fragment, clear, embossed: "LEISY/PEORIA, ILL."	1		Surface	Collected 12 JULY 1989

Accession 4284 Site # 13DM523 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: stoneware bodysherd, crack, gray core, brown interior, blue decoration with clear overglaze on exterior.	1	Area A	Surface	Collected 14 JULY 1989
2	Ceramic: whiteware base, large circular bowl or basin, plain, basemark: a crown and "C.P.Co."	1	Area A	Surface	Collected 14 JULY 1989
3	Reduction blank: small triangular bifacial reduction blank for projectile point; pressure retouch on distal and lateral margins, white (10YR8/2) Burlington Chert.	1	Area A: "Bulldozer Trail along Trail"	Surface	Collected 14 JULY 1989 Length: 26.3 mm Width: 16.5 mm Thickness: 4.4 mm
4	Biface fragment: discard; midsection and proximal portion of a small biface, fossiliferous white Burlington Chert.	1	Area A: "Bulldozer Trail along Trail"	Surface	Collected 14 JULY 1989
5	Ceramic: whiteware, thick pitcher handle.	1	Area B	Surface	Collected 14 JULY 1989

Accession 4285 Site # 13DM526 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: stoneware base, bowl, brown glazed, mark: "DHEL" or "DMEL"	1		Surface	Collected 13 JULY 1989

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: soft drink bottle neck and top, crown closure, blue-green, ABM.	1	"Tip in draw"	Surface	Collected 13 JULY 1989
2	Glass: fruit jar body fragment, clear, embossed: "185..."	1	"Tip in draw"	Surface	Collected 13 JULY 1989
3	Ceramic: stoneware bodysherd, cylindrical crock, white glaze on interior and exterior, company name in maple leaf, cobalt, reads: "...ONEWAR.../CO."	1	"Tip in draw"	Surface	Collected 13 JULY 1989
4	Ceramic: whiteware rimsherd, plate or saucer, flow blue band over embossed flowers.	1	"Tip in draw"	Surface	Collected 13 JULY 1989
5	Ceramic: whiteware base, body and rim fragment, 8 in. plate, plain, green maker's mark: "... WHITE-CRY..." in a circle of ivy.	1	"Tip in draw"	Surface	Collected 13 JULY 1989

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Reduction flake: bifacial reduction on proximal and lateral margins, heat-treated, banded pinkish-white (5YR8/2) Burlington Chert.	1	"Dozer Cut"	Surface	Collected 14 JULY 1989 Length: 63.8 mm Width: 49.2 mm Thickness: 13.8 mm
2	Biface fragment: midsection of discarded biface, fossiliferous light gray Burlington Chert.	1	"Dozer Cut"	Surface	Collected 14 JULY 1989
3	Reduction flake: unifacial reduction on proximal and lateral margins, fossiliferous very pale brown (10YR8/3) Burlington Chert.	1	"Dozer Cut"	Surface	Collected 14 JULY 1989 Length: 24.7 mm Width: 21.3 mm Thickness: 11.6 mm
4	Reduction flake: bifacial reduction on lateral margins; steep unifacial retouch on distal end, white (10YR8/1) Burlington Chert.	1	"Dozer Cut"	Surface	Collected 14 JULY 1989 Length: 44.9 mm Width: 28.0 mm Thickness: 10.0 mm

Accession 4288 Site # 13DM532 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point fragment: basal portion; lanceolate form, thick lenticular cross-section, exhibits parallel oblique flaking on both dorsal and ventral surfaces (Eden-like); white banded Burlington Chert.	1		Surface	Collected 30 MAY 1989

Accession 4289 Site # 13DM531 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Shell casing (M16 Blank?).	1	Area "C"	Surface	Collected 2 JUNE 1989
2	Projectile point fragment: midsection and base of triangular, unnotched point; heat-treated, pale yellow (some red shift), unknown chert.	1	Area "A", road	Surface	Collected 2 JUNE 1989
3	Prismatic flake: bifacial reduction on left lateral margin and distal end; fusulinidio pinkish-white (7.5YR8/2) Burlington Chert.	1	Area "C", road	Surface	Collected 2 JUNE 1989 Length: 26.4 mm Width: 17.7 mm Thickness: 5.2 mm

Accession 4296 Site # 13DM533 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: stoneware bodysherd, mixing bowl; high-fired; green slip cast glazed; leaf pattern in "vines and lattice" decoration; imperfection in glazing.	1		Surface	Collected 31 MARCH 1990
2	Ceramic: stoneware bodysherd; Secret glaze (dark reddish-brown).	1		Surface	Collected 31 MARCH 1990
3	Glass: insulator, green.	1		Surface	Collected 31 MARCH 1990
4	Glass: milk jug top, clear.	1		Surface	Collected 31 MARCH 1990
5	Glass: bottle fragment, clear.	1		Surface	Collected 31 MARCH 1990
6	Canning jar lid: reads: "BOYD'S GENUINE/ PORCELAIN LINED CAP"	1		Surface	Collected 31 MARCH 1990

Accession 4291 Site # 13DM535 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: heavily patinated bottle base; blue-green; oval in x-section, wall thickness varies from 2.7 mm to 6.3 mm; "push-up" base, 55 mm x 84 mm.	1	Area A	Surface	Collected 31 MARCH 1990

Accession 4292 Site # 13DM538 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: stoneware fragment of a cylindrical crock, blue-sponge decorated; crock is 8 in. high and 6 1/2 in. O.D.	1	Area A: "in gully below F13"	Surface	Collected 1 APRIL 1990
2	Glass: rectangular panel bottle, some portions missing; 158 mm high; base: ls 31.6 mm x 58 mm (est.); light purple tint; pre-ABM, mold seam stops at base of neck; reads: "Rawleigh's / TRADE MARK / ...REEXPORT, ILL."	1	Area A: "Fea. 7"	Surface	Collected 1 APRIL 1990
3	Glass: bottle, top missing, rectangular form; aqua; 72.8 mm x 40.6 mm at base; reads: "...OKUK, IOWA / ...AKER & CO." basemark shows an "Infinity" symbol and a small cross inside a diamond.	1	Area A: "Fea. 6"	Surface	Collected 1 APRIL 1990
4	Ceramic: stoneware bodysherd, bowl fragment; low-fired slipcast with "floral" pattern, bright blue with some green.	1	Area A: "Rubbish Tip"	Surface	Collected 1 APRIL 1990
5	Ceramic: stoneware bodysherd, bowl fragment; fits to #4.	1	Area A: "Rubbish Tip"	Surface	Collected 1 APRIL 1990
6	Glass: bottle fragment, lower half; cylindrical, 74 mm dia.; brown; no seams, but mold-formed and flame polished, molded recess base; "(I suspect) It's a fairly expensive wine bottle" (Steve Ruple).	1	Area A: "Rubbish Tip"	Surface	Collected 1 APRIL 1990
7	Glass: complete bottle, square base, 38.8 x 38.8 mm; light purple; ABM; panel reads: "CARPENTER-MORTON CO / COLORITE / BOSTON, MASS."; base: "1".	1	Area A: "Rubbish Tip"	Surface	Collected 1 APRIL 1990

Accession 4293 Site # 13DM540 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: complete canning jar, clear, with sealed lid and partial contents (dry seeds); reads: "Kerr / SELF SEALING / MASON".	1	Fea. 2	Surface	Collected 2 APRIL 1990
2	Ceramic: stoneware bodysherd; "garish" design of red, gray, blue and tan.	1	Fea. 2	Surface	Collected 2 APRIL 1990
3	Ceramic: stoneware bodysherd; "garish" design of red, gray, blue and tan.	1	Fea. 2	Surface	Collected 2 APRIL 1990

Accession 4294 Site # 13DM541 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: complete bottle, screw cap (1" dia.), rectangular, 5 1/2 in. x 4 1/4 in. x 2 1/2 in., embossed: "NUJOL" on side "7" on base.	1	Area C	Surface	Collected 24 JULY 1989
2	Ceramic: stoneware rimsherd, globular-aided crock; flat, rolled lip; brown glazed interior, clear and olive glazed exterior.	1	Area D	Surface	Collected 11 NOV 1989

Accession 4295 Site # 13DM548 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: complete fruit jar, pint size, hand-made shoulder seal, aqua, embossed: "MASON'S/PATENT/NOV. 30TH/1858".	1		Surface	Collected 24 JULY 1989
2	Glass: complete fruit jar, quart size, lip seal, clear, ABM, embossed: "DREY/PERFECT MASON".	1		Surface	Collected 24 JULY 1989



Accession 4296 Site # 13DM552 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Heavy transverse scraper produced from primary tabular reduction flake; retains platform and bulb of percussion; fusulinidic white Burlington Chert.	1	Between Areas A & B	Surface	Collected 31 MAY 1989
2	Tertiary reduction flake; retains platform and bulb of percussion; fusulinidic white (10YR8/1) Burlington Chert.	1	Between Areas A & B	Surface	Collected 31 MAY 1989
3	Tertiary reduction flake; retains platform and bulb of percussion; fusulinidic white (10YR8/1) Burlington Chert.	1	Between Areas A & B	Surface	Collected 31 MAY 1989
4	Ceramic: stoneware bodysherd, cylindrical crock, brown glazed interior and exterior.	1	Area A	Surface	Collected 31 MAY 1989
5	Ceramic: stoneware bodysherd, cylindrical crock, brown glazed interior and exterior.	1	Area A	Surface	Collected 31 MAY 1989

Accession 4297 Site # 13DM553 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Reduction blank: heavy prismatic blade; predominantly unifacial reduction on all four margins, incomplete; fusulinidic white (10YR8/1) Burlington Chert.	1	Area C	Surface	Collected 6 NOV 1989 Length: 91.6 mm Width: 39.9 mm Thickness: 16.8 mm

Accession 4298 Site # 13DM555 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	St. Charles point: lanceolate blade; deep corner notches produced from crushing; excurvate, heavily ground base (Chapman); banded light gray Burlington Chert.	1	"Edge of gully cut into old field."	Surface	Collected 20 JULY 1989

Accession 4299 Site # 13DM557 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Biface fragment: discarded during production; banded white Burlington Chert.	1	"Immediately below small bedrock ledge overlooking creek."	Surface	Collected 15 JULY 1989

Accession 4300 Site # 13DM564 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Primary decoration flake: retains bulb and striking platform, fusulinidic light gray/gray (10YR6/1) Burlington Chert.	1	Area C	Surface	Collected 31 MAY 1989 Length: 62.0 mm Width: 47.1 mm Thickness: 23.3 mm
2	Tertiary reduction flake: fusulinidic white (5YR8/1) Burlington Chert.	1	Area C	Surface	Collected 31-MAY 1989

Accession 4301 Site # 13DM569 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: complete fruit jar with zinc lid, pint size, flint color, embossed: "ATLAS/STRONG SHOULDER/MASON" and on base: "H/A".	1	Area B	Surface	Collected 30 JUNE 1989
2	Liquor bottle cap: aluminum screw type, embossed: "U.S./1,771,034/NATIONAL DISTILLERS/1,875,481/PATS."	1	Area B	Surface	Collected 30 JUNE 1989
3	Glass: blue pressed glass bowl; rim, body and base fragment; est. 9 in. dia., 4 in. high, narrow base, less than 3 in. dia.	1	Area B	Surface	Collected 30 JUNE 1989

Accession 4302 Site # 13DM574 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point fragment: midsection and distal tip of lanceolate projectile point; exhibits parallel oblique flaking on dorsal surface - probably PaleoIndian (Angostura-like); broken during manufacture; heat-treated fusulinidic pinkish-white Burlington Chert.	1	Area A	Surface	Collected 30 MAY 1989
2	Biface fragment: discarded during manufacture; fossiliferous white Burlington Chert.	1	Area A	Surface	Collected 30 MAY 1989
3	Biface fragment: discarded during manufacture; fusulinidic white Burlington Chert.	1	Area A	Surface	Collected 30 MAY 1989
4	Core produced from heavy tabular flake: distal end modified by tranche blow to revitalize striking platform (Crabtree:95-96); fossiliferous white Burlington Chert.	1	Area A	Surface	Collected 30 MAY 1989

## 13DM574 (cont.)

Cat. #	Specimen	No.	Location	Depth	Remarks
5	Bifacial reduction blank: lanceolate form; fusulinidic white Burlington Chert.	1	Area A	Surface	Collected 30 MAY 1989
6	Biface fragment: midsection; thick lenticular cross-section; white Burlington Chert.	1	Area A	Surface	Collected 30 MAY 1989
7	Prismatic flake: unifacial retouch on right lateral margin; discarded during manufacture; dark gray chert with limestone inclusions.	1	Area A	Surface	Collected 30 MAY 1989
8	Projectile point: constricting base (Late Paleo-Indian/Early Archaic); small fragment of right lateral basal tip removed; discarded during manufacture; heat-treated fusulinidic pinkish-gray Chert.	1	Area A, South Shoulder of Knob	Surface	Collected 1 JUNE 1989
9	Biface fragment: midsection and distal tip; discarded during manufacture (Basal portion snapped during reduction); fusulinidic white Burlington Chert.	1	Area A	Surface	Collected 1 JUNE 1989
10	Biface fragment: midsection and distal tip; discarded during manufacture (Basal portion snapped during reduction); fusulinidic white Burlington Chert.	1	Area A	Surface	Collected 1 JUNE 1989
11	Biface fragment: midsection; lanceolate form; thick lenticular cross-section; parallel thinning across ventral surface; discarded during manufacture; banded white Burlington Chert.	1	Area A	Surface	Collected 1 JUNE 1989
12	Biface fragment: midsection and distal tip; discarded during manufacture due to inclusion; fossiliferous light gray Burlington Chert.	1	Area A	Surface	Collected 1 JUNE 1989
13	Bifacial reduction blank: fusulinidic white Burlington Chert.	1	Area B	Surface	Collected 30 MAY 1989
14	Biface fragment: midsection and distal tip; banded light gray Burlington Chert.	1	Area B	Surface	Collected 30 MAY 1989
15	Shatter: banded light gray (10YR7/2) Burlington Chert.	1	Area B	Surface	Collected 30 MAY 1989 Length: 74.5 mm Width: 20.7 mm Thickness: 23.4 mm
16	Unifacial reduction blank: very fine retouch on distal margin; fossiliferous white (10YR8/1) Burlington Chert.	1	Area B	Surface	Collected 30 MAY 1989 Length: 55.7 mm Width: 81.6 mm Thickness: 13.5 mm

## 13DM574 (cont.)

Cat. #	Specimen	No.	Location	Depth	Remarks
17	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #1	10-20 cm B.S.	Collected 31 MAY 1989
18	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #1	10-20 cm B.S.	Collected 31 MAY 1989
19	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #1	10-20 cm B.S.	Collected 31 MAY 1989
20	Reduction shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #1	10-20 cm B.S.	Collected 31 MAY 1989
21	Reduction shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #2	0-10 cm B.S.	Collected 31 MAY 1989
22	Reduction shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #2	0-10 cm B.S.	Collected 31 MAY 1989
23	Reduction shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #2	10-20 cm B.S.	Collected 31 MAY 1989
24	Reduction shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #2	10-20 cm B.S.	Collected 31 MAY 1989
25	Reduction shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #2	10-20 cm B.S.	Collected 31 MAY 1989
26	Reduction shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #2	10-20 cm B.S.	Collected 31 MAY 1989
27	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #2	20-30 cm B.S.	Collected 31 MAY 1989
28	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #2	30-40 cm B.S.	Collected 31 MAY 1989
29	Tertiary reduction flake: banded white (10YR8/1) Burlington Chert.	1	Post Hole #3	0-10 cm B.S.	Collected 31 MAY 1989
30	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #3	0-10 cm B.S.	Collected 31 MAY 1989
31	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #3	10-20 cm B.S.	Collected 31 MAY 1989
32	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #3	10-20 cm B.S.	Collected 31 MAY 1989
33	Shatter: pitted scar; problematic whether natural or cultural; Burlington Chert.	1	Post Hole #3	20-30 cm B.S.	Collected 31 MAY 1989
34	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #4	0-10 cm B.S.	Collected 31 MAY 1989
35	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #4	10-20 cm B.S.	Collected 31 MAY 1989

13DM574 (cont.)

Cat. #	Specimen	No.	Location	Depth	Remarks
36	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #4	10-20 cm B.S.	Collected 31 MAY 1989
37	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #4	10-20 cm B.S.	Collected 31 MAY 1989
38	Small tertiary reduction flake: fossiliferous white (10YR8/1) Burlington Chert.	1	Post Hole #4	20-30 cm B.S.	Collected 31 MAY 1989
39	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #4	20-30 cm B.S.	Collected 31 MAY 1989
40	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #5	10-20 cm B.S.	Collected 31 MAY 1989
41	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #5	10-20 cm B.S.	Collected 31 MAY 1989
42	Reduction shatter/chunk: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #5	20-30 cm B.S.	Collected 31 MAY 1989
43	Reduction shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #6	0-10 cm B.S.	Collected 31 MAY 1989
44	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #6	10-20 cm B.S.	Collected 31 MAY 1989
45	Unmodified limestone pebble.	1	Post Hole #7	20-30 cm B.S.	Collected 31 MAY 1989
46	Small tertiary reduction flake: fusulinidic white (10YR8/1) Burlington Chert.	1	Post Hole #7	30-40 cm B.S.	Collected 31 MAY 1989
47	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #7	40-50 cm B.S.	Collected 31 MAY 1989
48	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #7	40-50 cm B.S.	Collected 31 MAY 1989
49	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #7	50-60 cm B.S.	Collected 31 MAY 1989
50	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #8	0-10 cm B.S.	Collected 31 MAY 1989
51	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #8	0-10 cm B.S.	Collected 31 MAY 1989
52	Reduction shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #8	0-10 cm B.S.	Collected 31 MAY 1989
53	Reduction shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #8	10-20 cm B.S.	Collected 31 MAY 1989
54	Reduction shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #8	10-20 cm B.S.	Collected 31 MAY 1989

## 13DM574 (cont.)

Cal. #	Specimen	No.	Location	Depth	Remarks
55	Small tertiary reduction flake: white (10YR8/1) Burlington Chert.	1	Post Hole #9	0-10 cm B.S.	Collected 31 MAY 1989
56	Reduction shatter: Burlington Chert.	1	Post Hole #9	10-20 cm B.S.	Collected 31 MAY 1989
57	Secondary reduction flake: some minor reduction on right lateral margin; banded pale red (10YR6/4) Burlington Chert.	1	Post Hole #9	30-40 cm B.S.	Collected 31 MAY 1989
58	Small prismatic reduction flake: retains small portion of bulb; fusulinidic white (10YR8/1) Burlington Chert.	1	Post Hole #12	0-10 cm B.S.	Collected 31 MAY 1989
59	Small tertiary reduction flake: retains small portion of bulb; fusulinidic white (10YR8/1) Burlington Chert.	1	Post Hole #12	0-10 cm B.S.	Collected 31 MAY 1989
60	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #12	0-10 cm B.S.	Collected 31 MAY 1989
61	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #12	40-50 cm B.S.	Collected 31 MAY 1989
62	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #13	0-10 cm B.S.	Collected 31 MAY 1989
63	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #13	10-20 cm B.S.	Collected 31 MAY 1989
64	Unmodified cherty limestone pebble.	1	Post Hole #13	10-20 cm B.S.	Collected 31 MAY 1989
65	Burned limestone.	1	Post Hole #13	20-30 cm B.S.	Collected 31 MAY 1989
66	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #14	0-10 cm B.S.	Collected 1 JUNE 1989
67	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #14	0-10 cm B.S.	Collected 1 JUNE 1989
68	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #14	0-10 cm B.S.	Collected 1 JUNE 1989
69	Unmodified limestone pebble.	1	Post Hole #14	0-10 cm B.S.	Collected 1 JUNE 1989
70	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #16	30-40 cm B.S.	Collected 1 JUNE 1989
71	Shatter: problematic whether natural or cultural; Burlington Chert.	1	Post Hole #16	30-40 cm B.S.	Collected 1 JUNE 1989
72	Microreduction flake: fusulinidic light gray (10YR7/2) Burlington Chert.	1	Post Hole #17	20-30 cm B.S.	Collected 1 JUNE 1989

## 13DM574 (cont.)

Cat. #	Specimen	No.	Location	Depth	Remarks
73	Charcoal fragments.	4	Post Hole #18	30-40 cm B.S.	Collected 1 JUNE 1989
74	Charcoal fragments.	2	Post Hole #18	40-50 cm B.S.	Collected 1 JUNE 1989
75	Secondary reduction flake: retains some bulb & striking platform; fusulinidic white (10YR8/1) Burling. Chert.	1	Post Hole #21	0-10 cm B.S.	Collected 1 JUNE 1989
76	Small reduction flake: fusulinidic white (10YR8/2) Burling. Chert.	1	Post Hole #21	20-30 cm B.S.	Collected 1 JUNE 1989
77	Shatter: problematic whether natural or cultural; Burling. Chert.	1	Post Hole #22 Summit, Area "A"	0-27 cm B.S.	Collected 1 JUNE 1989
78	Shatter: problematic whether natural or cultural; Burling. Chert.	1	Post Hole #22 Summit, Area "A"	0-27 cm B.S.	Collected 1 JUNE 1989
79	Tabular reduction flake: retains some platform; reddish-brown (6YR5/4) chert.	1	Post Hole #22 Summit, Area "A"	0-27 cm B.S.	Collected 1 JUNE 1989
80	Tabular reduction shatter: banded pale red (2.5YR6/2) Burling. Chert.	1	Post Hole #22 Summit, Area "A"	0-27 cm B.S.	Collected 1 JUNE 1989
81	Unmodified stone.	3	Post Hole #22 Summit, Area "A"	0-27 cm B.S.	Collected 1 JUNE 1989

Accession 4303 Site # 13DM575 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle neck, flared lip, flint color, ABM.	1		Surface	Collected 31 MAY 1989
2	Glass: fruit jar lid liner, translucent white, embossed: "H./F./J./Co."	1		Surface	Collected 31 MAY 1989
3	Ceramic: stoneware rimsherd, crack, beveled rim, gray core, albany slip.	1		Surface	Collected 31 MAY 1989
4	Ceramic: stoneware rimsherd, crack, beveled rim, salt-glazed exterior, albany slip interior.	1		Surface	Collected 31 MAY 1989
5	Glass: mug base, pressed, fluted, amethyst.	1		Surface	Collected 31 MAY 1989
6	Ceramic: whiteware rimsherd, cup, brown floral transfer-print and red & blue painted flower.	1		Surface	Collected 31 MAY 1989

Accession 4304 Site # 13DM579 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: complete bottle, panel and rectangular base, screw top with bakelite cap, pale green, embossed: "MILES/LABORATORIES, INC."	1	"Tip in creek & shoulder of creek"	Surface	Collected 20 JULY 1989
2	Glass: complete bottle, panel and rectangular base, screw top with metal cap, flint color, embossed: "SLOAN'S LINIMENT/MADE IN U.S.A."	1	"Tip in creek & shoulder of creek"	Surface	Collected 20 JULY 1989
3	Glass: bottle body and neck, oval cross-section, screw top with metal cap, blue, embossed: "MILK OF/TRADEMARK/...AGNESIA/...AS. H. PHILLIPS/...L COMPANY"	1	"Tip in creek & shoulder of creek"	Surface	Collected 20 JULY 1989
4	Glass: pressed glass bowl body fragment, flint color.	1	"Tip in creek & shoulder of creek"	Surface	Collected 20 JULY 1989
5	Ceramic: whiteware rimsherd, oval shallow bowl, embossed floral rim.	1	"Tip in creek & shoulder of creek"	Surface	Collected 20 JULY 1989
6	Ceramic: porcelain; rim, body and base fragment, oval thick shallow dish, red painted band around embossed rim. Possible condiment dish (soap?).	1	"Tip in creek & shoulder of creek"	Surface	Collected 20 JULY 1989

Accession 4305 Site # 13DM584 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Tertiary flake: banded light gray (10YR7/2) Burlington Chert.	1	Area A	Surface	Collected 29 MARCH 1990
2	Biface fragment: fusulinidic white Burlington Chert.	1	Area A	Surface	Collected 29 MARCH 1990

Accession 4306 Site # 13DM586 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: window pane fragment; light green tint, some patination; 2.5 mm thick.	1	Fea. 2	Surface	Collected 4 APRIL 1990
2	Glass: window pane fragment; light green tint, some patination; 2.2 mm thick.	1	Fea. 2	Surface	Collected 4 APRIL 1990
3	Glass: window pane fragment; light green tint, some patination; 1.4 mm thick.	1	Fea. 2	Surface	Collected 4 APRIL 1990



Cat. #	Specimen	No.	Location	Depth	Remarks
1	Tertiary flake: some unifacial retouch on proximal margin, fusulinidic white (10YR8/1) Burlington Chert.	1	Geomorph Trench: Area 1	Plowzone	Backhoe Monitoring, 15 NOV 89
2	Tertiary shatter: fragment, fusulinidic white (10YR8/1) Burlington Chert.	1	Geomorph Trench: Area 2	Plowzone	Backhoe Monitoring, 15 NOV 89
3	Tertiary flake: fusulinidic white (10YR8/1) Burlington Chert.	1	Geomorph Trench: Area 3	Plowzone	Backhoe Monitoring, 15 NOV 89
4	Tertiary flake: fusulinidic white (10YR8/1) Burlington Chert.	1	Geomorph Trench: Area 3	Plowzone	Backhoe Monitoring, 15 NOV 89
5	Tertiary flake: fusulinidic white (10YR8/1) Burlington Chert.	1	Geomorph Trench: Area 3	Plowzone	Backhoe Monitoring, 15 NOV 89
6	Small flake: fusulinidic white (10YR8/1) Burlington Chert.	1	Geomorph Trench: Area 3	Below Plowzone	Backhoe Monitoring, 15 NOV 89
7	Natural shatter: cherty limestone.	1	Geomorph Trench: Area 4	Plowzone	Backhoe Monitoring, 15 NOV 89
8	Natural shatter: banded white (10YR8/1) Burlington Chert.	1	Geomorph Trench: Area 5	Plowzone	Backhoe Monitoring, 15 NOV 89
9	Natural shatter: banded white (10YR8/1) Burlington Chert.	1	Geomorph Trench: Area 5	Plowzone	Backhoe Monitoring, 15 NOV 89
10	Unmodified chert gravel (Grover Gravel).	9	Geomorph Trench: Area 6		Backhoe Monitoring, 15 NOV 89, samples of material appearing & extending north
11	Pottid flake: natural chert gravel.	1	Geomorph Trench: North end of trench	Surface	16 NOV 89
12	Problematic core (may be natural): fusulinidic & geoditic white (10YR8/1) Burlington Chert.	1	Geomorph Trench: West Wall		16 NOV 89 "Backhoe Trench, Artifact No. 1" Length: 90.5 mm Width: 67.7 mm Thickness: 34.0 mm
13	Shatter: may be natural, banded white (10YR8/1) Burlington Chert.	2	Geomorph Trench: West Wall		16 NOV 89 "Backhoe Trench, Artifact No. 2"
14	Flake: natural, pottid scars, banded dark yellowish-brown (10YF4/4) chert.	1	Geomorph Trench: West Wall		16 NOV 89 "Backhoe Trench; Artifact No. 3"
15	Charcoal sample #1.	1	Geomorph Trench: West Wall		
16	Unmodified chert gravel (Grover Gravel) and cherty limestone gravel, natural.	11	Geomorph Trench: Area 1, 66-68 East	60 cm- Surface	16 NOV 89 (Depth is above line level)

## 13DM588 (cont.)

Cat. #	Specimen	No.	Location	Depth	Remarks
17	Unmodified chert gravel (Grover Gravel) and cherty limestone gravel, natural.	8	Geomorph Trench: Area 1, 66-68 East	30-60 cm	16 NOV 89 (Depth is above line level)
18	Unmodified chert gravel (Grover Gravel) and gravel, natural.	3	Geomorph Trench: Area 1, 66-68 East	0-30 cm above	16 NOV 89 (Depth is above line level)
19	Unmodified chert gravel (Grover Gravel), natural.	1	Geomorph Trench: 64.8 East	56 cm above	16 NOV 89 (Depth is above line level)
20	Projectile point fragment: fragment of midsection; possible lanceolate; proximal base missing, but may be constricting; very dark gray extra-local Chert.	1	Geomorph Trench: 64.8 East	60 cm above line level	16 NOV 89 (Depth is above line level)
21	Unmodified chert gravel (Grover Gravel), natural.	1	Geomorph Trench: 61.5-62.0 East	70+ cm above	16 NOV 89 (Depth is above line level)
22	Projectile point fragment: lanceolate; thin lenticular cross-section late Paleoindian; unfinished - base broken in production; edges not finished; dark gray chert.	1	Plot 1	Surface	Collected 1 JUNE 1989
23	Prismatic reduction flake: retains platform and portion of bulb; fusulinidic white (10YR8/1) Burlington Chert.	1	General Area	Surface	Collected 30 MAY 1989 Length: 39.3 mm Width: 26.3 mm Thickness: 7.6 mm
24	Reduction shatter: dark reddish-brown (2.5YR3/4) silicified sediment/chert.	1	Area 1	Surface	Collected 1 JUNE 1989
25	Tabular reduction flake: brown (10YR5/3) silicified sediment/ chert.	1	Area 1	Surface	Collected 1 JUNE 1989

Accession 4308 Site # 13DM589 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Blifac fragment: midsection and distal end; exhibits secondary bifacial reduction on distal margin; banded white Burlington Chert.	1		Surface	Collected 1 JUNE 1989
2	Mano: unfinished mano on a utilized cobble, exhibits one grinding surface with a beveled angle on one margin; strong brown sandstone (with iron additions).	1		Surface	Collected 1 JUNE 1989

Accession 4309 Site # 13DM592 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle base, rectangular, pale blue, basemark (in diamond): "T".	1	"Tip in creek (associated with foundations)"	Surface	Collected 15 JULY 1989

Accession 4310 Site # 13DM594 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: complete petroleum jelly jar, screw top, colorless, 2 7/8 in. high, 2 1/16 in. dia., embossed: "TRADE MARK/VASELINE/CHESTERBROUGH/NEW-YORK".	1		Surface	Collected 15 JULY 1989

Accession 4311 Site # 13DM595 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: soft drink bottle, bottom half, cylindrical, 2 1/4 in. diameter, pale green, embossed: "CEDAR RAPIDS CANDY CO./CEDAR RAPIDS, IOWA/CONTENTS 7 1/2 OZ." Basemark (in diamond): "TIPTOP".	1	"Bottom of minor draw"	Surface	Collected 20 JULY 1989

Accession 4312 Site # 13DM597 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Metate fragment: cobble/small boulder with a dished, ground face; dark olive gray gabbro.	1		Surface	Collected 6 NOV 1989

Accession 4313 Site # 13DM602 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Blace fragment: midsection and distal end, discarded during production; heat-treated fusulinidic pale red Burlington Chert.	1		Surface	Collected 10 NOV 1990

Accession 4314 Site # 13DM607 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Brick: hand-struck, 8 1/4 in. x 4 in. x 2 3/8 in.	1	Area A	Surface	Collected 6 APRIL 1990
2	Glass: bottle top and neck; aqua; pre-ABM, hand-finished, ring closure.	1	Area A	Surface	Collected 6 APRIL 1990

Accession 4315 Site # 13DM611 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Possible mano fragment: exhibits beveled edge, very pale brown sandstone.	1	Area A	Surface	Collected 19 JUNE 1989
2	Ceramic: stoneware rimsherd, cylindrical, salt glazed exterior, gray interior.	1	Area C	Surface	Collected 19 JUNE 1989
3	Tabular reduction flake: exhibits some secondary reduction flaking; banded white (10YR8/1) Burlington Chert.	1	Area E	Surface	Collected 20 JUNE 1989 Length: 18.3 mm Width: 15.9 mm Thickness: 5.8 mm
4	Possible mano: produced from a cobble; exhibits one flat surface with beveled edges; dark grayish-brown gabbro.	1	Area E	Surface	Collected 20 JUNE 1989
5	Tertiary flake: exhibits secondary bifacial reduction on left lateral margin; possible heat-treating; fusulinidic white (5YR8/1) Burlington Chert.	1	Area F	Surface	Collected 19 JUNE 1989 Length: 27.3 mm Width: 27.8 mm Thickness: 5.1 mm

Accession 4316 Site # 13DM612 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Brick: hand-struck, 4 1/8 in. wide x 2 in. high, length indeterminate.	1	"near cistern"	Surface	Collected 7 NOV 1989

Accession 4317 Site # 13DM613 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: curved glazed red tile inscribed "DICKY, KANSAS CITY, USA".	1	Surface		Collected 11 NOV 1989 Dates prior to 1935

Accession 4318 Site # 13DM614 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle neck, hand lipped with a "champagne" style ring, pale blue.	1		Surface	Collected 7 NOV 1989
2	Glass: pressed tumbler base, convex vertical flutes, clear, little patina (leaded?).	1		Surface	Collected 7 NOV 1989
3	Ceramic: stoneware rimsherd, collared crock, salt glazed buff exterior, gray interior.	1		Surface	Collected 7 NOV 1989
4	Ceramic: whiteware rimsherd, plate, blue shell-edged.	1		Surface	Collected 7 NOV 1989
5	Ceramic: whiteware rimsherd, plate, blue shell-edged.	1		Surface	Collected 7 NOV 1989
6	Ceramic: whiteware rimsherd, blue transfer-print.	1		Surface	Collected 7 NOV 1989
7	Ceramic: whiteware rimsherd, hand-painted red and blue.	1		Surface	Collected 7 NOV 1989
8	Nail: cut, common, 30d spike, 4 1/4 in. long.	1		Surface	Collected 7 NOV 1989
9	Brick: hand-struck, 2 in. high x 3 3/4 in. wide x 7 3/4 in. long, nearly vitreous, lightly ash glazed.	1		Surface	Collected 7 NOV 1989

Accession 4319 Site # 13DM615 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle neck; pale blue; pre-ABM, ring closure.	1	"Soybean field"	Surface	Collected 9 JULY 1989
2	Ceramic: stoneware bodysherd, cylindrical crock; buff, salt glaze exterior.	1	"Soybean field"	Surface	Collected 9 JULY 1989
3	Ceramic: earthenware bodysherd; embossed leaves, green painted under clear glaze on exterior; gray interior.	1	"Soybean field"	Surface	Collected 9 JULY 1989

Accession 4320 Site # 13DM616 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: bottle body fragment, panel, light purple, embossed: "...R.WATKI.../ MEDICAL COM.../ PROPRIET..."	1		Surface	Collected 7 NOV 1989

Accession 4321 Site # 13DM821 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic: stoneware bodysherd, crack, buff core, white glazed interior and exterior, blue sponge decorated.	1		Surface	Collected 8 NOV 1989
2	Ceramic: stoneware bodysherd, crack, buff core, white glazed interior and exterior, blue sponge decorated.	1		Surface	Collected 8 NOV 1989

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13DM-5

Accession 4322

Site # IF-22

Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD

Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Ceramic; whiteware; rim, body and base fragment; serving dish, embossed and decal decorated.	1		Surface	Collected 22 JULY 1989

Accession 4323

13DM-6  
Site # IF-23

Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD

Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Fruit jar lid liner: white glass liner marked: "GENUINE BOYD CAP/FOR MASON JARS".	1	"Tip in draw"	Surface	Collected 22 JULY 1989

Accession 4324

13DM-7  
Site # IF-54

Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD

Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Unfinished biface fragment: fossiliferous white (10YR8/2) Burlington Chert. Lanceolate form, probably snapped during production-discard.	1		Surface	Collected 12 NOV 1989 Length: 64.0 mm Width: 39.5 mm Thickness: 7.7 mm

Accession 4325

13DM-8  
Site # IF-98

Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD

Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point fragment: proximal portion of side-notched point, incurvate base, crushing at notches, straight & parallel sides; possibly heat-treated; broken at impact fracture, banded white Burlington Chert.	1		Surface	Collected 18 JULY 1989

Accession 4326

13DM-9  
Site # IF-100

Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD

Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Biface fragment: tertiary flake exhibiting bifacial reduction on left margin and unifacial, with some bifacial, reduction on right lateral margin; slightly excruciate base. Missing distal portion and corner of proximal end; discarded during production, fossiliferous white cherty limestone.	1		Surface	Collected 18 JULY 1989

Accession 4327 Site # 13 DM-10 IF-146 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Blifce fragment: tip of blifce; probably heat-treated; pitted scar on ventral surface, glossy surface, color-shifting, fusulinidic pinkish-white Burlington Chert.	1		Surface	Collected 13 JUNE 1989

Accession 4328 Site # 13 DM-11 IF-152 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Unfinished projectile point: lanceolate form, thick lenticular cross-section (Nebo Hill-like); retains striking platform and portion of bulb, proximal end removed; banded, fusulinidic white Burlington Chert.	1		Surface	Collected 14 JUNE 1990

Accession 4329 Site # 13 DM-12 IF-157 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Uniface (graver?): heavy tabular shatter with unifacial reduction, exhibiting a possible graver tip, fossiliferous white Burlington Chert.	1		Surface	Collected 30 MARCH 1990

Accession 4330 Site # 13 DM-13 IF-206 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Blifce fragment: midsection of distal portion of discarded blifce, white Burlington Chert.	1	"Ridge Terminus"	Surface	Collected 21 JULY 1989

Accession 4331 Site # 13 DM-14 IF-207 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Drill midsection: diamond-shaped cross-section, broken during production, fossiliferous white Burlington Chert.	1	"Nose of Ridge"	Surface	Collected 22 JULY 1989

Accession 4332 Site # 13 DM-15 IF-218 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Expanded core: white Burlington Chert.	1	"oals"	Surface	Collected 26 JUNE 1989



Accession 4333 130M-16 Site # IF-249 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: rectangular bottle, part of one side missing; 203 mm H x 72 mm W x 38.3 mm T; blue-green tint; hand-spun top; reads: "DR. MILES/RESTORATIVENERVINE".	1		Surface	Collected 28 MARCH 1990
2	Glass: square bottle, one side and part of top missing; 29 mm x 29 mm x 97 mm H; colorless; hand-spun lip.	1		Surface	Collected 28 MARCH 1990
3	Glass: rectangular bottle base; very light purplish tint; uneven bottom.	1		Surface	Collected 28 MARCH 1990

Accession 4334 130M-17 Site # IF-250 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Glass: cylindrical bottle fragment, lower body and base; 12 faceted sides, vary from 2.1 mm to 4.1 mm thick; base of uneven thickness, 58 mm dia.; light blue-green tint; reads: "...WOOD'S/JAUNDICE BITTERS/...MOSES ATWOOD/GEORGETOWN/MASS."	1		Surface	Collected 28 MARCH 1990

Accession 4335 130M-18 Site # IF-266 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Projectile point: triangular, unnotched; exhibits damage at proximal base during manufacturing stage; white Burlington Chert.	1	"Ridge Summit"	Surface	Collected 24 JULY 1989

Accession 4336 130M-19 Site # IF-276 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Tabular flake: bifacial reduction on right lateral and proximal base; fusulinidic white (10YR8/1) Burlington Chert.	1	"Ridge Shoulder"	Surface	Collected 20 JULY 1989 Length: 35.2 mm Width: 29.4 mm Thickness: 6.5 mm

Accession 4337 130M-20 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1  
 Site # IF-279

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Secondary reduction flake; massive flake; exhibits flake removal from dorsal surface, plus some water smoothing and iron accretion; discarded during production due to fossil inclusion; fossiliferous yellow (10YR7/8) chert.	1	"Creek Bed"	Surface	Collected 23 JULY 1989 Length: 75.3 mm Width: 101.4 mm Thickness: 28.8 mm

Accession 4338 130M-21 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1  
 Site # IF-291

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Secondary flake; produced from pebble; retains platform and bulb of percussion; yellowish-red (5YR5/8) chert pebble.	1		Surface	Collected 13 JUNE 1989

Accession 4339 130M-22 Collector: Archeology Laboratory, Augustana College, Sioux Falls, SD Sheet # 1  
 Site # IF-337

Cat. #	Specimen	No.	Location	Depth	Remarks
1	Blaise fragment: midsection; discarded during production, cracking from freeze-thaw; banded white Burlington Chert.	1		Surface	Collected 1 APRIL 1990

## APPENDIX V

### MCX LIST OF REFERENCES

In addition to the references reviewed by MCX personnel at the archaeological site information center, every attempt was made to obtain references cited but not on file. Information taken from these references was coded for data relating to collections made from sites located on installation property (see attached sample of PD-C Bibliographic Data Sheet form) and entered into a data base for ease of manipulation.

Report titles were drawn directly from the title page of reports, and consist of the following fields:

FIELD	DATA ENTERED
Subject Property	Army Installation name
Last Name	Primary author's last name
First Name	Primary author's first name
Middle Initial	Primary author's middle initial
Secondary Authors	Names of secondary authors, <i>or</i> in instances where the author is a company rather than an individual, the company name is listed here
Title	Title of the reference. For letter reports, the person or agency to whom the correspondence is addressed is listed as the title.
Series	If the report is part of a publication series, the name and number are provided here.
Date	Date of publication or submission
Length	Report length in pages
Contract Number	Contract number and delivery order number, if applicable

The data for the next three fields are drawn directly from the report title page and reflect the hierarchy of contracting agencies involved in accomplishing the work. In some cases, the sponsoring agency is listed as the Army installation; in others, the intermediary contracting agent, (e.g., the Army Corps of Engineers or the National Park Service) is listed as the Sponsoring Agency.

Sponsoring Agency	Agency for which the report was prepared
Contractor	The agent contracted to perform the work
Subcontractor	The agent subcontracted to perform the work

The majority of the citations for archaeological investigations on Army land refer to unpublished reports prepared under contract with federal agencies, consequently the MCX printout was designed to address these reports. In instances where the author is a company rather than an individual, the company name is listed in the Secondary Authors field (due to the length of the field). For published references, the publisher is listed in the Sponsoring Agency field.

Page \_\_\_\_ of \_\_\_\_

Fieldwork  
Page \_\_\_\_ of \_\_\_\_

NADB No.

PD-C Collection No.

## PD-C Bibliography Data Sheet

**Date:** \_\_\_\_\_

**Information obtained by:** \_\_\_\_\_

**PD-C Project:**

**Subject Property:**

**Repository (name and location):**

**Record Collection Name/Number:**

**Report Date and Length (in pages):**

**Author(s):**

**Title:**

**Contractor/Address or Publisher/Address (city, state):**

**Subcontractor/Address (city, state):**

**Report Series and Number:**

**Contract/Purchase Order Number(s):**

**Sponsoring Agency/Address:**

**Project Name and Location:**

**Principal Investigator(s)/Director(s):**

**Fieldwork Dates:**

**Type of Investigation (e.g., survey, testing, mitigation):**

PD-C Bibliography Data Sheet (continued)

*Site Numbers:*

*Archaeological Period (e.g., Hohokam, Mississippian):*

*Material Classes (range):*

*Artifact Collections and Locations:*

*Approximate Size of Collections (e.g., number of objects):*

*Record Collections and Locations:*

*NAGPRA Materials (Check if present)*

**Human Skeletal Remains** \_\_\_\_\_

**Objects**

**Associated Funerary** \_\_\_\_\_

**Unassociated Funerary** \_\_\_\_\_

**Sacred** \_\_\_\_\_

**Cultural Patrimony** \_\_\_\_\_

Human Skeletal Remains Data Sheet ☐  
Number of Attached Sheets \_\_\_\_\_

Object Data Sheet ☐  
Number of Attached Sheets \_\_\_\_\_

*Cultural Affiliation(s):*

*Basis for Affiliation Determination (e.g., geographic location, burial practices):*

*Comments:*

**MCX List of References for Iowa Army Ammunition Plant [AMC] as of June 1995**

**Subject property :** Iowa Army Ammunition Plant, IA

**Last name :**

**First name :**

**Middle Initial :**

**Secondary Authors :**

**Title :** Closure Plan/Final Design Analysis, Inert Landfill Closure, Iowa AAP, Iowa.

**Series :**

**Date :** Oct 1994

**Length :** 100

**Contract Number :**

**Sponsoring Agency :**

**Contractor :** US Army Corps of Engineers - Omaha District

**Subcontractor :**

**Subject property :** Iowa Army Ammunition Plant, IA

**Last name :** Barr

**First name :** Kenneth

**Middle Initial :** A.

**Secondary Authors :**

**Title :** Cultural Resources Reconnaissance Survey for a Proposed 25-Acre Timber Sale Unit, Iowa Army Ammunition Plant, Des Moines County, Iowa.

**Series :**

**Date :** Jun 1987

**Length :** 22

**Contract Number :**

**Sponsoring Agency :** Rock Island, COE

**Contractor :** US Army Corps of Engineers - Rock Island District

**Subcontractor :**

**Subject property :** Iowa Army Ammunition Plant, IA

**Last name :** Brodnicki

**First name :** Edward

**Middle Initial :** C.G.

**Secondary Authors :**

**Title :** Cultural Resource Reconnaissance Study Associated with Iowa Army Ammunition Plant, Des Moines County, Iowa.

**Series :**

**Date :** Mar 23, 1987

**Length :** 25

**Contract Number :**

**Sponsoring Agency :** Omaha District, COE, Omaha, NE

**Contractor :** US Army Corps of Engineers - Omaha District

**Subcontractor :**

MCX List of References for Iowa Army Ammunition Plant [AMC] as of June 1995

Subject property : Iowa Army Ammunition Plant, IA

Last name : Hess

First name : Jeffrey

Middle Initial : A.

Secondary Authors :

Title : Historic Properties Report, Iowa Army Ammunition Plant, Middleton, Iowa, Final Report.

Series :

Date : Oct 1984

Length : 73

Contract Number : CX-0001-2-0033

Sponsoring Agency : United States Army Material Development and Readiness Command (DARCOM)

Contractor : Building Technology Inc. and Historic American Buildings Survey/Historic American Engineering Record

Subcontractor : MacDonald and Mack Partnership

Subject property : Iowa Army Ammunition Plant, IA

Last name : Hillerson

First name : Charles

Middle Initial : A.

Secondary Authors :

Title : Letter Report on Survey of Perimeter Road and Inert Disposal Site, Iowa Army Ammunition Plant.

Series :

Date : Jun 6, 1989

Length : 10

Contract Number :

Sponsoring Agency : Iowa Army Ammunition Plant

Contractor : US Army Corps of Engineers - Omaha District

Subcontractor :

Subject property : Iowa Army Ammunition Plant, IA

Last name : Huerter

First name : James

Middle Initial : J.

Secondary Authors : Ricky G. Atwell

Title : FR-34-9(40)-2G-29, a.k.a. PIN 82-29030-1, Des Moines Primary Roads

Series : Iowa Department of Transportation Project Completion Report, Vol. 8, No. 192

Date : 1985

Length : 10

Contract Number :

Sponsoring Agency : Iowa Department of Transportation

Contractor : Highway Archaeology Program

Subcontractor :



MCX List of References for Iowa Army Ammunition Plant [AMC] as of June 1995

Subject property : Iowa Army Ammunition Plant, IA

Last name : Smith

First name : Charles

Middle Initial :

Secondary Authors :

Title : Cultural Resources at the Iowa Army Ammunition Plant, Middleton, Iowa.

Series :

Date : 1983

Length : 12

Contract Number :

Sponsoring Agency : US Army Material Development and Readiness Command (DARCOM)

Contractor : National Park Service

Subcontractor :

Subject property : Iowa Army Ammunition Plant, IA

Last name : Stafford

First name : Barbara

Middle Initial :

Secondary Authors : Harold Hassen, Edward Jelks, Joseph Phillippe, Edwin Hajic, Nancy Asch, David Asch

Title : An Archaeological Overview and Management Plan for the Iowa Army Ammunition Plant, Des Moines County, Iowa,  
Final Report

Series : DARCOM Report #17

Date : Dec 24, 1984

Length : 93

Contract Number : CX-5000-3-0771, Project No. 60903A/0001-1

Sponsoring Agency : National Park Service, Southeast Region

Contractor : Woodward-Clyde Consultants

Subcontractor : Center for American Archeology

Subject property : Iowa Army Ammunition Plant, IA

Last name : Walters

First name : Gary

Middle Initial : R.

Secondary Authors :

Title : A Phase I Survey and Evaluation of Rathburn Regional Water Association's Proposed Rural Water Distribution System  
Project, Des Moines County, Iowa.

Series : Triad Cultural Resource Management Report No. 22

Date : May 25, 1991

Length :

Contract Number :

Sponsoring Agency : Farmers Home Administration and Rathburn Regional Water Assoc., Centerville, IA

Contractor : Triad Research Services

Subcontractor :

**MCX List of References for Iowa Army Ammunition Plant [AMC] as of June 1995**

**Subject property :** Iowa Army Ammunition Plant, IA

**Last name :** Winham

**First name :** R.

**Middle Initial :** P.

**Secondary Authors :** Larry Abbott, Robert Brakenridge, Timothy Gillen, L. Adrien Hannus, Edward J. Lueck, William Ranney, Steven Ruple, Joseph Tiffany

**Title :** Cultural Resource Reconnaissance Survey of the Iowa Army Ammunition Plant, Des Moines County, Near Burlington, Iowa [within the Slark River Basin Region].

**Series :** Contract Series No. 57

**Date :** Jul 20, 1991

**Length :** 2715

**Contract Number :** DACA45-89-C-009

**Sponsoring Agency :** US Army Corps of Engineers - Omaha District

**Contractor :** Archeology Laboratory, Augustana College

**Subcontractor :**

## **APPENDIX VI**

### **NATIONAL ARCHEOLOGICAL DATA BASE REFERENCES FOR IOWA ARMY AMMUNITION PLANT, IOWA**

No attempt has been made to edit the National Archaeological Data Base format or to correct obvious errors.

Stafford, Barbara, H. Hassen, E. Jelks, J. Phillippe, and E. Hajic (Compilers)

1984 An Archeological Overview And Management Plant for the Iowa Army Ammunition Plant, Des Moines County, Iowa. Woodward-Clyde Consultants, Walnut Creek, CA. Submitted to Nps, Southeast Region, Atlanta, GA. (921466)

Stafford, Barbara, Harold Hassen, Edward Jelks, Joseph Phillipppe, Edwin Hajic, Nancy Asch, and David Asch

1984 An Archeological Overview and Management Plan for the Iowa Army Ammunition Plant, Des Moines County, Iowa. Woodward-Clyde Consultants & Center for American Archeology. Submitted to U.S. Army Material Development and Readiness Command. (552076)